

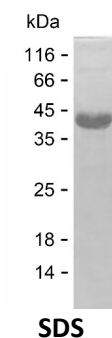
**Product Name: Recombinant Human AARS2 Protein**  
**Catalog #: PEH8467**



## Summary

|                              |                                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>                  | SYAM_HUMAN                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>                | Greater than 85% as determined by reducing SDS-PAGE                                                                                                                                                                                                                                                                                                                              |
| <b>Endotoxin level</b>       | Please contact with the lab for this information                                                                                                                                                                                                                                                                                                                                 |
| <b>Tag</b>                   | C-His                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Accession #</b>           | Q5JTZ9                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Host</b>                  | E.coli                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Species</b>               | Human                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Molecular Mass</b>        | 37 kDa                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Buffer</b>                | Phosphate buffered saline                                                                                                                                                                                                                                                                                                                                                        |
| <b>Shipping</b>              | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.                                                                                                                                                                                                                                                               |
| <b>Stability&amp;Storage</b> | Store at $\leq -70^{\circ}\text{C}$ , stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$ , stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.                                                                                                                                                                   |
| <b>Sequence</b>              | SLCGDLGLPL DMVELMLEEK GVQLDSAGLE RLAQEEAQHR ARQAEPVQKQ<br>GLWLVDVHALG ELQRQGVPT DDSPKYNYSL RPSGSYEFGT CEAQVLQLYT<br>EDGTAVASVG KGQRCGLLD RTNFYAEQGG QASDRGYLVR AGQEDVLFVP<br>ARAQVCGGFI LHEAVAPECL RLGDQVQLHV DEAWRLGCMA KHTATHLLNW<br>ALRQTLGPGT EQQGSHLNPE QLRLDVTTQT PLTPEQLRAV ENTVQEAVGQ<br>DEAVYMEEVP LALTAQVPGL RSLDEVYPDP VRVSVGVVPV AHALDPASQA<br>ALQTSVELCC GTHLLRTGAV |

## image



## Background

|                          |                                                                                   |
|--------------------------|-----------------------------------------------------------------------------------|
| <b>Alternative Names</b> | Alanine--tRNA ligase, mitochondrial (EC 6.1.1.7) (Alanyl-tRNA synthetase) (AlaRS) |
|--------------------------|-----------------------------------------------------------------------------------|

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**Note**

For Research Use Only , Not for Diagnostic Use