

Product Name: Recombinant Human KLK5 (C-6His)
Catalog #: PHH1037

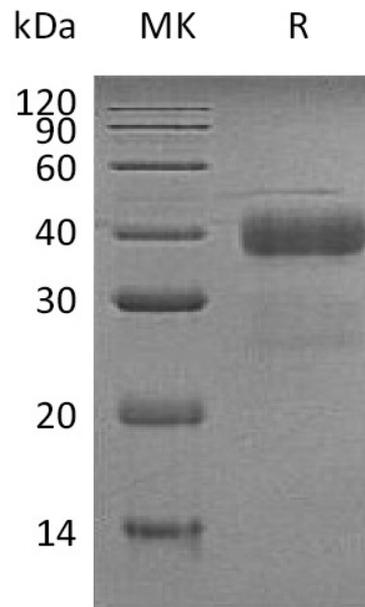


Summary

| | |
|---------------------------------|---|
| Name | Kallikrein 5/KLK5 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | Recombinant Human Kallikrein 5 is produced by our Mammalian expression system and the target gene encoding Val23-Ser293 is expressed with a 6His tag at the C-terminus. |
| Accession # | Q9Y337 |
| Host | Human Cells |
| Species | Human |
| Predicted Molecular Mass | 30.65 KDa |
| Formulation | Supplied as a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, 10% Glycerol, pH 5.5. |
| Shipping | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | |

SDS-PAGE image

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Alternative Names

Kallikrein-5; Kallikrein-Like Protein 2; KLK-L2; Stratum Corneum Tryptic Enzyme; KLK5; SCTE

Background

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many Kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen Kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.

Note

For Research Use Only , Not for Diagnostic Use.