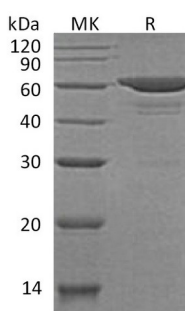


Product Name: Recombinant Human ACAT2 (N-Trx-6His)
Catalog #: PEH1574

Summary

| | |
|---------------------------------|--|
| Name | Sterol O-acyltransferase 2/SOAT2/ACAT2 |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | Recombinant Human Acetyl-CoA acetyltransferase is produced by our E.coli expression system and the target gene encoding Met1-Glu397 is expressed with a Trx, 6His tag at the N-terminus. |
| Accession # | Q9BWD1 |
| Host | E.coli |
| Species | Human |
| Predicted Molecular Mass | 59.1 KDa |
| Formulation | Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 1mM DTT, 10% Glycerol, pH 8.0. |
| 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



Background

| | |
|--------------------------|---|
| Alternative Names | Acetyl-CoA acetyltransferase cytosolic; Acetyl-CoA transferase-like protein; Cytosolic acetoacetyl-CoA thiolase; ACTL; ACAT2 |
| Background | ACAT2 is a cytoplasmic enzyme which belongs to the thiolase family. ACAT2 takes part in lipid metabolism, lipoprotein assembly, catalyzing cholesterol esterification |



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in mammalian cells. It is responsible for the synthesis of cholesteryl esters which are part of lipoproteins containing apoB. ACAT2 deficiency contributes to severe mental retardation and hypotonus.

Note

For Research Use Only , Not for Diagnostic Use.