

Proteoliposomes

Full-Length

CH25H (Human) Recombinant Protein

Catalog # H00009023-G01

Size 10 ug

Specification

Product Description	Human CH25H full-length ORF (NP_003947.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MSCHNCSDPQVLCSSGQLFLQPLWDHLRSWEALLQSPFFPVIFSITTYVGFCPLPFVVDILCSWV PALRRYKIHPDFSPSAQQLPCLGQTLYQHVMFVFPVTLLHWARSPALLPHEAPELLLLLHHILFCL LLFDMEFFVWHLHHKVPWLYRTFHKVHHQNSSSFALATQYMSVWELFSLGFFDMMNVTLLGC HPLTTLTFHVNMWLSVEDHSGYNFPWSTHRLVPFGWYGGVVHDLHHSFNCNFAPYFTHWDKI LGTLRTASVPAR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.7
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — CH25H

Entrez GeneID	9023
GeneBank Accession#	NM_003956.3
Protein Accession#	NP_003947.1
Gene Name	CH25H
Gene Alias	C25H
Gene Description	cholesterol 25-hydroxylase
Omim ID	604551
Gene Ontology	Hyperlink
Gene Summary	This is an intronless gene that is involved in cholesterol and lipid metabolism. The encoded protein is a membrane protein and contains clusters of histidine residues essential for catalytic activity. Unlike most other sterol hydroxylases, this enzyme is a member of a small family of enzymes that utilize diiron cofactors to catalyze the hydroxylation of hydrophobic substrates. [provided by RefSeq]
Other Designations	OTTHUMP00000020057

Pathway

- [Primary bile acid biosynthesis](#)

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cognition](#)
- [Genetic Predisposition to Disease](#)
- [Psychiatric Status Rating Scales](#)