

Recombinant Human CH25H Protein, His-tagged

Cat. No. CH25H-771H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CH25H Protein (Trp142-Asn247) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Trp142-Asn247
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.4 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

CH25H cholesterol 25-hydroxylase [Homo sapiens (human)]

Official Symbol

CH25H

Synonyms

CH25H; cholesterol 25-hydroxylase; h25OH; cholesterol 25-monooxygenase; C25H;

Gene ID

9023

mRNA Refseq

NM_003956

Protein Refseq

NP_003947

MIM

604551

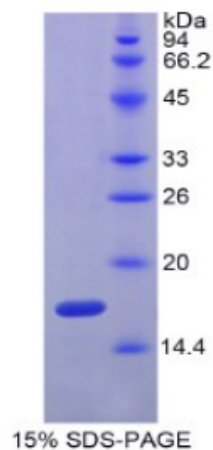
UniProt ID

O95992

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA