

Recombinant Human PHYH protein

Cat. No. PHYH-8581H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHYH protein(O14832) (Ser31-Leu338) was expressed in E.coli, with a N-terminal Met.
Species	Human
Source	E.coli
ProteinLength	31-338 aa
Form	Lyophilized from sterile 20mM mops, 10% glycerol, 2mM DDT, 1mM EDTA, 0.2mM PMSF, 0.2M NaCl, pH 7.2.
Molecular Mass	The recombinant human PHYH consists of 309 amino acids and predicts a molecular mass of 35.6 KDa. It migrates as an approximately 26-32 KDa band in SDS-PAGE under reducing conditions.
Purity	> 80 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

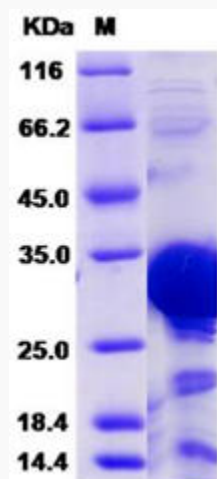
Gene Name	PHYH phytanoyl-CoA 2-hydroxylase [Homo sapiens]
Official Symbol	PHYH
Synonyms	PHYH; phytanoyl-CoA 2-hydroxylase; phytanoyl CoA hydroxylase, phytanoyl CoA hydroxylase (Refsum disease); phytanoyl-CoA dioxygenase, peroxisomal; PAHX; PHYH1; phytanoyl CoA dioxygenase; RD; Refsum disease; phytanic acid oxidase; phytanoil-CoA alpha hydroxylase; phytanoyl-CoA alpha-hydroxylase; phytanoyl-CoA 2 oxoglutarate dioxygenase; LN1; LNAP1;
Gene ID	5264
mRNA Refseq	NM_001037537
Protein Refseq	NP_001032626
MIM	602026
UniProt ID	O14832

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SDS-PAGE



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