Recombinant Human PHYH protein, GST-tagged

Cat. No. PHYH-3339H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PHYH protein(O14832)(1-338aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-338aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	62.4 kDa
AA Sequence	SGTISSASFHPQQFQYTLDNNVLTLEQRKFYEENGFLVIKNLVPDADIQRFRNEFEKI CRKEVKPLGLTVMRDVTISKSEYAPSEKMITKVQDFQEDKELFRYCTLPEILKYVECF TGPNIMAMHTMLINKPPDSGKKTSRHPLHQDLHYFPFRPSDLIVCAWTAMEHISRNN GCLVVLPGTHKGSLKPHDYPKWEGGVNKMFHGIQDYEENKARVHLVMEKGDTVFF HPLLIHGSGQNKTQGFRKAISCHFASADCHYIDVKGTSQENIEKEVVGIAHKFFGAEN SVNLKDIWMFRARLVKGERTNL
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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