

Recombinant Full Length Human HPS1 Protein, GST-tagged

Cat. No. HPS1-3629HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HPS1 full-length ORF (NP_872575.1, 1 a.a. - 194 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	194 amino acids
Description	This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. The encoded protein is a component of three different protein complexes termed biogenesis of lysosome-related organelles complex (BLOC)-3, BLOC4, and BLOC5. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 1. Multiple transcript variants encoding distinct isoforms have been identified for this gene; the full-length sequences of some of these have not been determined yet. [provided by RefSeq]
Molecular Mass	48.6 kDa
AA Sequence	MKCVLVATEGAEVLFYWTDQEFEEESRLKFGQSENEEEELPALEDQLSTLLAPVISS MTMLEKLSDTYTCFSTENGNFYVLHLFGCECLFIAINGDHTSEGLRRKLYVLKYLF EVHFGLVTVDGHLIRKELRPPDLAQRVQLWEHFQSLWYSLRREQEQCFAVEVTT GRGSPQDLKLSGPGATDSPPAL
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HPS1 Hermansky-Pudlak syndrome 1 [Homo sapiens]
Official Symbol	HPS1
Synonyms	HPS1; Hermansky-Pudlak syndrome 1; Hermansky Pudlak syndrome , HPS; Hermansky-Pudlak syndrome 1 protein; Hermansky-Pudlak syndrome type 1; HPS; MGC5277;
Gene ID	3257
mRNA Refseq	NM_000195
Protein Refseq	NP_000186
MIM	604982
UniProt ID	Q92902

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