Recombinant Full Length Human HPS3 Protein, GST-tagged

Cat. No. HPS3-3630HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HPS3 full-length ORF (AAH16901.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	372 amino acids
Description	This gene encodes a protein containing a potential clathrin-binding motif, consensus dileucine signals, and tyrosine-based sorting signals for targeting to vesicles of lysosomal lineage. The encoded protein may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 3. Alternate splice variants exist, but their full length sequence has not been determined. [provided by RefSeq
Molecular Mass	68.7 kDa
AA Sequence	MFYVAEPKQVPHILCSPSMKNINPLTAMSYLRKLDTSGFSSILVTLTKAAVALKMGDL DMHRNEMKSHSEMKLVCGFILEPRLLIQQRKGQIVPTELALHLKETQPGLLVASVLGL QKNNKIGIEEADSFFKVLCAKDEDTIPQLLVDFWEAQLVACLPDVVLQELFFKLTSQYI WRLSKRQPPDTTPLRTSEDLINACSHYGLIYPWVHVVISSDSLADKNYTEDLSKLQSL ICGPSFDIASIIPFLEPLSEDTIAGLSVHVLCRTRLKEYEQCIDILLERCPEAVIPYANHE LKEENRTLWWKKLLPELCQRIKCGGEKYQLYLSSLKETLSIVAVELELKDFMNVLPED

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	GTATFFLPYLLYCSRKKPLT
Applications	Enzyme-linked Immunoabsorbent Assay 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	HPS3 Hermansky-Pudlak syndrome 3 [Homo sapiens]
Official Symbol	HPS3
Synonyms	HPS3; Hermansky-Pudlak syndrome 3; Hermansky-Pudlak syndrome 3 protein; SUTAL; FLJ22704; DKFZp686F0413;
Gene ID	84343
mRNA Refseq	NM_032383
Protein Refseq	NP_115759
MIM	606118
UniProt ID	Q969F9

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