

Recombinant Human HPS3, GST-tagged

Cat. No. HPS3-13926H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPS3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-418a.a.
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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HPS3 Hermansky-Pudlak syndrome 3 [Homo sapiens]
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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
Chromosome Location	3q24

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