Recombinant Human HPS4, His-tagged

Cat. No. HPS4-13927H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPS4 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-350a.a.
Description	This gene encodes a protein component of biogenesis of lysosome-related organelles complexes (BLOC). BLOC complexes are important for the formation of endosomal-lysosomal organelles such as melanosomes and platelet dense granules. Mutations in this gene result in subtype 4 of Hermansky-Pudlak syndrome, a form of albinism. Alternative splicing results in multiple transcript variants.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	HPS4 Hermansky-Pudlak syndrome 4 [Homo sapiens]

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	HPS4
Synonyms	HPS4; Hermansky-Pudlak syndrome 4; Hermansky-Pudlak syndrome 4 protein; KIAA1667; LE; light-ear protein homolog; bK1048E9.4; bK1048E9.5;
Gene ID	89781
mRNA Refseq	NM_022081
Protein Refseq	NP_071364
MIM	606682
UniProt ID	Q9NQG7
Chromosome Location	22cen-q12.3
Function	protein binding; protein dimerization activity; protein homodimerization activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA