

Recombinant Human HPS6 Protein, His-tagged

Cat. No. HPS6-2250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HPS6 Protein (Gly500-Leu775) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly500-Leu775
Description	This intronless gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. This protein interacts with Hermansky-Pudlak syndrome 5 protein. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 6.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 33.4 kDa Accurate Molecular Mass: 35 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	HPS6 Hermansky-Pudlak syndrome 6 [Homo sapiens (human)]
Official Symbol	HPS6
Synonyms	HPS6; Hermansky-Pudlak syndrome 6; Hermansky-Pudlak syndrome 6 protein; FLJ22501; ruby-eye protein homolog; Hermansky-Pudlak syndrome-6 protein (HPS6); MGC20522; RP11-302K17.1;
Gene ID	79803
mRNA Refseq	NM_024747
Protein Refseq	NP_079023
MIM	607522
UniProt ID	Q86YV9

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