

Recombinant Mouse Hps1 Protein, Myc/DDK-tagged

Cat. No. Hps1-3435M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length Hermansky-Pudlak syndrome 1 homolog (human) (cDNA clone MGC:102063 IMAGE:6848298), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the BLOC-3 complex, a complex that acts as a guanine exchange factor (GEF) for RAB32 and RAB38, promotes the exchange of GDP to GTP, converting them from an inactive GDP-bound form into an active GTP-bound form. The BLOC-3 complex plays an important role in the control of melanin production and melanosome biogenesis and promotes the membrane localization of RAB32 and RAB38.
Molecular Mass	71.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Hps1](#) HPS1, biogenesis of lysosomal organelles complex 3 subunit 1 [*Mus musculus* (house mouse)]

Official Symbol [Hps1](#)

Synonyms [Hps1](#); HPS1, biogenesis of lysosomal organelles complex 3 subunit 1; ep; Hps; Gm21361; BB405864; 6030422N11Rik; Hermansky-Pudlak syndrome 1 protein homolog; Hermansky-Pudlak syndrome 1 homolog; Hermansky-Pudlak syndrome protein homolog; pale ear

Gene ID [192236](#)

mRNA Refseq [NM_019424](#)

Protein Refseq [NP_062297](#)

UniProt ID [O08983](#)

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