

Recombinant Mouse Hps4 Protein, Myc/DDK-tagged

Cat. No. Hps4-3436M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length HPS4, biogenesis of lysosomal organelles complex 3 subunit 2 (Hps4), 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	72.6 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 Hps4 HPS4, biogenesis of lysosomal organelles complex 3 subunit 2 [Mus musculus (house mouse)]

Official Symbol Hps4

Synonyms HPS4; Hermansky-Pudlak syndrome 4 homolog (human); Hermansky-Pudlak syndrome 4 protein homolog; light ear; light-ear protein; le; BLOC-3; AU040608; mKIAA1667; 2010205O06Rik; C130020P05Rik

Gene ID 192232

mRNA Refseq NM_138646

Protein Refseq NP_619587

UniProt ID Q99KG7

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