

## Recombinant Mouse Hps1 protein, His & T7-tagged

**Cat. No.** Hps1-1857M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Hps1 aa. (Met1~Val275 (Accession # O08983)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Met1~Val275                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 35.2kDa                                                                                                                                                                                                                                                                                                   |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                       |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                                                |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                            |
| <b>Stability</b>        | 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°C 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. |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at                                                                                                                                                                                                                                               |

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-80°C for 12 months.

**Storage buffer** Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

**Reconstitution** Reconstitute in sterile PBS, pH7.2-pH7.4.

**Isoelectric Point** 4.7

## 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\_019424.2

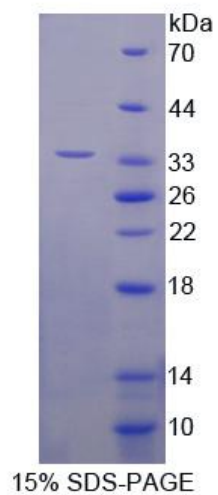
**Protein Refseq** NP\_062297.1

**UniProt ID** O08983

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**SDS-PAGE**

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