

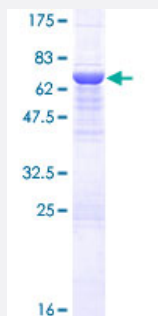
Full-Length

HPS3 (Human) Recombinant Protein (P01)

Catalog # H00084343-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HPS3 full-length ORF (AAH16901.1, 1 a.a. - 372 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFYVAEPKQVPHILCSPSMKNINPLTAMSYLRKLDTSGFSSILVTLTKAAVALKMGDLDMHRNEMK
SHSEMKLVCGFLEPRLLIQQRKGQVPTELALHLKETQPGLLVASVLGLQKNNKIGIEEADSFFKVL
CAKDEDTIPQLLVDFWEAQLVACLPDVVLQELFFKLTSQYWRLSKRQPPDTPPLRTSEDLINACS
HYGLIYPWVHVVISDSLADKNYTEDLSKLQSLICGPSFDIASIIPFLEPLSEDTIAGLSVHVLCTRL
KEYEQCIDILLERCPEAVIPYANHELKEENRTLWWKKLLPELCQRIKCGGEKYQLYSSLKETLSIVA
VELELKDFMNVLPEDGTATFFLPYLLYCSRKKPLT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.7

Interspecies Antigen Sequence

Mouse (80); Rat (81)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HPS3

Entrez GeneID[84343](#)**GeneBank Accession#**[BC016901.1](#)**Protein Accession#**[AAH16901.1](#)**Gene Name**

HPS3

Gene Alias

DKFZp686F0413, FLJ22704, SUTAL

Gene Description

Hermansky-Pudlak syndrome 3

Omim ID[203300 606118](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein containing a potential clathrin-binding motif, consensus dileucine signals, and tyrosine-based sorting signals for targeting to vesicles of lysosomal lineage. The encoded protein may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 3. Alternate splice variants exist, but their full length sequence has not been determined. [provided by RefSeq]

Other Designations

Hermansky-Pudlak syndrome 3 protein

Disease

- [Albinism](#)
- [Hermanski-Pudlak Syndrome](#)