# Recombinant Full Length Human HPS5 Protein, GST-tagged

**Cat. No.** HPS5-3631HF **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Human HPS5 full-length ORF ( AAH33640.1, 1 a.a. - 1015 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | In Vitro Cell Free System |
| **ProteinLength** | 1015 amino acids |
| **Description** | This 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 6 protein and may interact with the cytoplasmic domain of integrin, alpha-3. Mutations in this gene are associated with Hermansky-Pudlak syndrome type 5. Multiple transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq |
| **Molecular Mass** | 141.2 kDa |
| **AA Sequence** | MYVSSEHKGRRVTALCWDTAILRVFVGDHAGKVSAIKLNTSKQAKAAAAFVMFPVQ TITTVDSCVVQLDYLDGRLLISSLTRSFLCDTEREKFWKIGNKERDGEYGACFFPGR CSGGQQPLIYCARPGSRMWEVNFDGEVISTHQFKKLLSLPPLPVITLRSEPQYDHTA GSSQSLSFPKLLHLSEHCVLTWTERGIYIFIPQNVQVLLWSEVKDIQDVAVCRNELFC LHLNGKVSHLSLISVERCVERLLRRGLWNLAARTCCLFQNSVIASRARKTLTADKLEH LKSQLDHGTYNDLISQLEELILKFEPLDSACSSRRSSISSHESFSILDSGIYRIISSRRG SQSDEDSCSLHSQTLSEDERFKEFTSQQEEDLPDQCCGSHGNEDNVSHAPVMFET |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| | DKNETFLPFGIPLPFRSPSPLVSLQAVKESVSSFVRKTTEKIGTLHTSPDLKVRPELR GDEQSCEEDVSSDTCPKEEDTEEEKEVTSPPPEEDRFQELKVATAEAMTKLQDPLV LFESESLRMVLQEWLSHLEKTFAMKDFSGVSDTDNSSMKLNQDVLLVNESKKGILD EDNEKEKRDSLGNEESVDKTACECVRSPRESLDDLFQICSPCAIASGLRNDLAELTT LCLELNVLNSKIKSTSGHVDHTLQQYSPEILACQFLKKYFFLLNLKRAKESIKLSYSNS PSVWDTFIEGLKEMASSNPVYMEMEKGDLPTRLKLLDDEVPFDSPLLVVYATRLYEK FGESALRSLIKFFPSILPSDIIQLCHHHPAEFLAYLDSLVKSRPEDQRSSFLESLLQPE SLRLDWLLLAVSLDAPPSTSTMDDEGYPRPHSHLLSWGYSQLILHLIKLPADFITKEK MTDICRSCGFWPGYLILCLELERRREAFTNIVYLNDMSLMKGDNGWIPETVEEWKLL LHLIQSKSTRPAPQESLNGSLSDGPSPINVENVALLLAKAMGPDRAWSLLQECGLAL ELSEKFTRTCDILRIAEKRQRALIQSMLEKCDRFLWSQQA |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | HPS5 Hermansky-Pudlak syndrome 5 [ Homo sapiens ] |
| **Official Symbol** | HPS5 |
| **Synonyms** | HPS5; Hermansky-Pudlak syndrome 5; Hermansky-Pudlak syndrome 5 protein; ruby-eye protein 2 homolog; alpha integrin binding protein 63; alpha-integrin-binding |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| | protein 63; AIBP63; KIAA1017; |
| **Gene ID** | 11234 |
| **mRNA Refseq** | NM_007216 |
| **Protein Refseq** | NP_009147 |
| **MIM** | 607521 |
| **UniProt ID** | Q9UPZ3 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA