# Recombinant Full Length Human VPS35 Protein, GST-tagged

**Cat. No.** VPS35-15H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human VPS35(1 a.a. - 796 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **ProteinLength** | 1-796 a.a. |
| **Description** | This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. |
| **Form** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Molecular Mass** | 118.1 kDa |
| **AA Sequence** | MPTTQQSPQDEQEKLLDEAIQAVKVQSFQMKRCLDKNKLMDALKHASNMLGELRT SMLSPKSYYELYMAISDELHYLEVYLTDEFAKGRKVADLYELVQYAGNIIPRLYLLITV GVVYVKSFPQSRKDILKDLVEMCRGVQHPLRGLFLRNYLLQCTRNILPDEGEPTDEE TTGDISDSMDFVLLNFAEMNKLWVRMQHQGHSRDREKRERERQELRILVGTNLVRL |

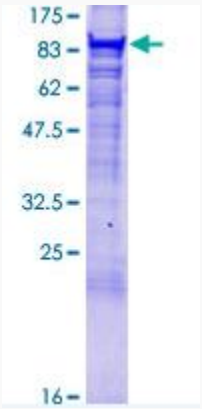
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| | SQLEGVNVERYKQIVLTGILEQVVNCRDALAQEYLMECIIQVFPDEFHLQTLNPFLRA CAELHQNVNVKNIIIALIDRLALFAHREDGPGIPADIKLFDIFSQQVATVIQSRQDMPSE DVVSLQVSLINLAMKCYPDRVDYVDKVLETTVEIFNKLNLEHIATSSAVSKELTRLLKI PVDTYNNILTVLKLKHFHPLFEYFDYESRKSMSCYVLSNVLDYNTEIVSQDQVDSIMN LVSTLIQDQPDQPVEDPDPEDFADEQSLVGRFIHLLRSEDPDQQYLILNTARKHFGA GGNQRIRFTLPPLVFAAYQLAFRYKENSKVDDKWEKKCQKIFSFAHQTISALIKAELA ELPLRLFLQGALAAGEIGFENHETVAYEFMSQAFSLYEDEISDSKAQLAAITLIIGTFER MKCFSEENHEPLRTQCALAASKLLKKPDQGRAVSTCAHLFWSGRNTDKNGEELHG GKRVMECLKKALKIANQCMDPSLQVQLFIEILNRYIYFYEKENDAVTIQVLNQLIQKIR EDLPNLESSEETEQINKHFHNTLEHLRLRRESPESEGPIYEGLIL |
| **Applications** | Enzyme-linked Immunoabsorbent; Assay Western Blot (Recombinant protein); Antibody Production; Protein Array |
| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |

## GENE INFORMATION

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| **Gene Name** | VPS35 vacuolar protein sorting 35 homolog (S. cerevisiae) [ Homo sapiens ] |
| **Official Symbol** | VPS35 |
| **Synonyms** | VPS35; vacuolar protein sorting 35 homolog (S. cerevisiae); vacuolar protein sorting 35 (yeast homolog) , vacuolar protein sorting 35 (yeast); vacuolar protein sorting-associated protein 35; FLJ10752; MEM3; hVPS35; maternal-embryonic 3; PARK17; FLJ13588; FLJ20388; DKFZp434E1211; DKFZp434P1672; |
| **Gene ID** | 55737 |

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| **mRNA Refseq** | NM_018206 |
| **Protein Refseq** | NP_060676 |
| **MIM** | 601501 |
| **UniProt ID** | Q96QK1 |
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