

Recombinant Full Length Human VPS35 Protein, GST-tagged

Cat. No. VPS35-1742HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human VPS35(1 a.a. - 796 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	796 amino acids
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	MPTTQQSPQDEQEKLLEDAIQAVKVSFQMKRCLDKNKLMDALKHASNMLGELRT SMLSPKSYELYMAISDELHYLEVYLTDEFKGRKVADLYELVQYAGNIIPRLYLLITV GVVYVKSFPQSRKDILKDLVEMCRGVQHPLRGLFLRNYLLQCTRNLDPDEGEPTDEE TTGDISDSMDFVLLNFAEMNKLWVRMQHQGHSRDREKRERERQELRILVGTNLVRL

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SQLEGVNVERYKQIVLTGILEQVVNCRDALAQEYLMECIIQVFPDEFHLQTLNPFLLRA
 CAELHQNVNVKNIIIALIDRLALFAHREDGPGIPADIKLFDIFSQQVATVIQSRQDMPSE
 DVVSLQVSLINLAMKCYPRVDYVDKVLETTVEIFNKLNLEHIATSSAVSKELTRLLKI
 PVDTYNNILTVLKLFHPLFEYFDYESRKSMSYVLSNVLDYNTTEIVSQDQVDSIMN
 LVSTLIQDQPDQPVDPEDFADEQSLVGRFIHLLRSEDPDQYILINTARKHFGA
 GGNQRIRFTLPLVFAAYQLAFRYKENSXVDDKWEKKCQKIFSAHQQTISALIKAELA
 ELPLRFLQGALAAGEIGFENHETVAYEFMSQAFSLYEDEISDSKAQLAAITLIIGTFER
 MKCFSEENHEPLRTQCALAASKLLKPKDQGRAVSTCAHLFWSGRNTDKNGEELHG
 GKRVMCECLKKALKIANQCMDPSLQVQLFIEILNRYIYFYEKENDAVTIQLNQLIQKIR
 EDLPNLESSEETEQINKHFHNTLEHLRLRRESPESSEPIYEGIL

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

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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