

Product datasheet for **TP761987**

VPS35 (NM_018206) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human vacuolar protein sorting 35 homolog (<i>S. cerevisiae</i>) (VPS35), Ser437-Asp551, with N-terminal His-ABP tag, expressed in <i>E. coli</i> , 50ug
Species:	Human
Expression Host:	<i>E. coli</i>
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Ser437-Asp551)of VPS35
Tag:	N-His-ABP (Albumin-Binding Protein)
Predicted MW:	28.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060676
Locus ID:	55737
UniProt ID:	Q96QK1
RefSeq Size:	3298
Cytogenetics:	16q11.2
RefSeq ORF:	2388
Synonyms:	MEM3; PARK17



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Summary:

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. [provided by RefSeq, Jul 2008]

Product images: