

Product datasheet for **TP761670**

VPS37A (NM_152415) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human vacuolar protein sorting 37 homolog A (<i>S. cerevisiae</i>) (VPS37A), transcript variant 1, full length, with N-terminal HIS 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 human full-length VPS37A
Tag:	N-His
Predicted MW:	44.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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_689628
Locus ID:	137492
UniProt ID:	Q8NEZ2
RefSeq Size:	4585
Cytogenetics:	8p22
RefSeq ORF:	1191
Synonyms:	HCRP1; PQBP2; SPG53



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Summary:

This gene belongs to the VPS37 family, and encodes a component of the ESCRT-I (endosomal sorting complex required for transport I) protein complex, required for the sorting of ubiquitinated transmembrane proteins into internal vesicles of multivesicular bodies. Expression of this gene is downregulated in hepatocellular carcinoma, and mutations in this gene are associated with autosomal recessive spastic paraplegia-53. A related pseudogene has been identified on chromosome 5. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2012]

Protein Pathways:

Endocytosis

Product images: