

Vacuolar protein sorting-associated protein 4A (VPS4A) Recombinant Protein | VPS4A recombinant protein

Recombinant Human Vacuolar protein sorting-associated protein 4A (VPS4A)

CATALOG #
AAA117275

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Vacuolar protein sorting-associated protein 4A (VPS4A); Recombinant Human Vacuolar protein sorting-associated protein 4A (VPS4A); VPS4A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-437aa; Full length
Sequence	MTTSTLQKAI DLVTKATEED KAKNYEEALR LYQHAYEYFL HAIKYEAHSD KAKESIRACV VQYLDRAEKL KDYLRSEKEH GKPPVKENQS EGKGSDDSE GDNPEKKKLQ EQLMGAVVME KPNIRWNDVA GLEGAKEALK EAVILPIKFP HLFTGKRTPW RGILLFGPPG TGKSYLAKAV ATEANNSTFF SVSSSDLMSK WLGESEKLVK NLFELARQHK PSIIFIDEVD SLCGSRNENE SEAARRIKTE FLVQMGGVGN NNDGTLVLGA TNIPWVLDSA IRRRFEKRIY IPLPEEAARA QMFRHLHGST PHNLTDANIH ELARKTEGYS GADISIIVRD SLMQPVRKVQ SATHFKKVCG PSRTNPSMMI DDLLTPCSPG DPGAMENTWM DVPDGLLEP VVCMSDMLRS LATTRPTVNA DDLLKVKKFS EDFGQES
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for VPS4A recombinant protein

This protein is a member of the AAA protein family (ATPases associated with diverse cellular activities), and is the homolog of the yeast Vps4 protein. In humans, two paralogs of the yeast protein have been identified. The former share a high degree of aa sequence similarity with each other, and also with yeast Vps4 and mouse Skd1 proteins. The mouse Skd1 (suppressor of K+ transport defect 1) has been shown to be really an yeast Vps4 ortholog. Functional studies indicate that both human paralogs associate with the endosomal compartments, and are involved in intracellular protein trafficking, similar to Vps4 protein in yeast. The gene encoding this paralog has been mapped to chromosome 16; the gene for the other resides on chromosome 18.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019569
NCBI GeneID	27183
NCBI Accession #	NP_037377.1
NCBI GenBank Nucleotide #	NM_013245.2
UniProt Accession #	Q9UN37; Q8TF07; Q9UI03; Q9Y582; B2RCB7
Molecular Weight	48,898 Da

NCBI Official Full Name	vacuolar protein sorting-associated protein 4A
NCBI Official Synonym Full Names	vacuolar protein sorting 4 homolog A
NCBI Official Symbol	VPS4A
NCBI Official Synonym Symbols	SKD1; SKD2; VPS4; SKD1A; VPS4-1
NCBI Protein Information	vacuolar protein sorting-associated protein 4A
UniProt Protein Name	Vacuolar protein sorting-associated protein 4A
UniProt Gene Name	VPS4A
UniProt Synonym Gene Names	hVPS4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/vps4a-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117275>