Datasheet for ABIN7556034

VPS8 Protein (AA 1-1428) (His tag)

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Overview

Quantity:	1 mg
Target:	VPS8
Protein Characteristics:	AA 1-1428
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This VPS8 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant VPS8 Protein expressed in mammalian cells.
Sequence:	MENEPDHENV EQSLCAKTSE EELNKSFNLE ASLSKFSYID MDKELEFKND LIDDKEFDIP QVDTPPTLES ILNETDDEDE SFILEDPTLL NIDTIDSHSY DTSSVASSDS GDRTNLKRKK KLPDSFSLHG SVMRHSLLKG ISAQIVSAAD KVDAGLPTAI AVSSLIAVGT SHGLALIFGK DQNQALRLCL GSTSVGGQYG AISALSINND CSRLLCGFAK GQITMWDLAS GKLLRSITDA HPPGTAILHI KFTDDPTLAI CNDSGGSVFE LTFKRVMGVR TCESRCLFSG SKGEVCCIEP LHSKPELKDH PITQFSLLAM ASLTKILVIG LKPSLKVWMT FPYGRMDPSS VPLLAWHFVA VQNYVNPMLA FCRGDVVHFL LVKRDESGAI HVTKQKHLHL YYDLINFTWI NSRTVVLLDS VEKLHVIDRQ TQEELETVEI SEVQLVYNSS HFKSLATGGN VSQALALVGE KACYQSISSY GGQIFYLGTK SVYVMMLRSW RERVDHLLKQ DCLTEALALA WSFHEGKAKA VVGLSGDASK RKAIVADRMV EILFHYADRA LKKCPDQGKI QVMEQHFQDM VPVIVDYCLL LQRKDLLFSQ MYDKLSENSV AKGVFLECLE PYILSDKLVG ITPQVMKDLI VHFQDKKLME NVEALIVHMD ITSLDIQQVV LMCWENRLYD AMIYVYNRGM NEFISPMEKL FRVIAPPLNA GKTLTDEQVV

	MGNKLLVYIS CCLAGRAYPL GDIPEDLVPL VKNQVFEFLI RLHSAEASPE EEIYPYIRTL LHFDTREFLN VLALTFEDFK NDKQAVEYQQ RIVDILLKVM VENSDFTPSQ VGCLFTFLAR QLAKPDNTLF VNRTLFDQVL EFLCSPDDDS RHSERQQVLL ELLQAGGIVQ FEESRLIRMA EKAEFYQICE FMYEREHQYD KIIDCYLRDP LREEEVFNYI HNILSIPGHS AEEKQSVWQK AMDHIEELVS LKPCKAAELV ATHFSGHIET VIKKLQNQVL LFKFLRSLLD PREGIHVNQE LLQISPCITE QFIELLCQFN PTQVIETLQV LECYRLEETI QITQKYQLHE VTAYLLEKKG DIHGAFLIML ERLQSKLQEV THQGENTKED PSLKDVEDTM VETIALCQRN SHNLNQQQRE ALWFPLLEAM MAPQKLSSSA IPHLHSEALK SLTMQVLNSM AAFIALPSIL QRILQDPVYG KGKLGEIQGL ILGMLDTFNY EQTLLETTTS LLNQDLHWSL CNLRASVTRG LNPKQDYCSI CLQQYKRRQE MADEIIVFSC GHLYHSFCLQ NKECTVEFEG QTRWTCYKCS SSNKVGKLSE NSSEIKKGRI TPSQVKMSPS YHQSKGDPTA KKGTSEPVLD PQQIQAFDQL CRLYRGSSRL ALLTELSQNR SSESYRPFSG SQSAPAFNSI FQNENFQLQL IPPPVTED **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	VPS8
Alternative Name:	VPS8 (VPS8 Products)
Background:	Vacuolar protein sorting-associated protein 8 homolog,FUNCTION: Plays a role in vesicle-mediated protein trafficking of the endocytic membrane transport pathway. Believed to act as a component of the putative CORVET endosomal tethering complexes which is proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations (PubMed:25266290). Functions predominantly in APPL1-containing endosomes (PubMed:25266290). {ECO:0000269|PubMed:25266290, ECO:0000305|PubMed:25266290}.
Molecular Weight:	161.8 kDa
UniProt:	Q8N3P4

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months