Datasheet for ABIN7565124

AP3B2 Protein (AA 1-1082) (His tag)

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Overview

Quantity:	1 mg
Target:	AP3B2
Protein Characteristics:	AA 1-1082
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP3B2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ap3b2 Protein expressed in mammalian cells.
Sequence:	MSAAPAYSED KGGSAGPGEP EYGHDPASGG IFSSDYKRHD DLKEMLDTNK DSLKLEAMKR IVAMIARGKN ASDLFPAVVK NVACKNIEVK KLVYVYLVRY AEEQQDLALL SISTFQRGLK DPNQLIRASA LRVLSSIRVP IIVPIMMLAI KEAASDMSPY VRKTAAHAIP KLYSLDSDQK DQLIEVIEKL LADKTTLVAG SVVMAFEEVC PERIDLIHKN YRKLCNLLID VEEWGQVVII SMLTRYARTQ FLSPTQNESL LEENPEKAFY GSEEDEAKGP GSEEAATAAL PARKPYVMDP DHRLLLRNTK PLLQSRSAAV VMAVAQLYFH LAPKAEVGVI AKALVRLLRS HSEVQYVVLQ NVATMSIKRR GMFEPYLKSF YIRSTDPTQI KILKLEVLTN LANETNIPTV LREFQTYIRS MDKDFVAATI QAIGRCATNI GRVRDTCLNG LVQLLSNRDE LVVAESVVVI KKLLQMQPAQ HGEIIKHLAK LTDNIQVPMA RASILWLIGE YCEHVPKIAP DVLRKMAKSF TAEEDIVKLQ VINLAAKLYL TNSKQTKLLT QYVLSLAKYD QNYDIRDRAR FTRQLIVPSE QGGALSRHAK KLFLAPKPAP ILESSFKDRD HFQLGSLSHL LNAKATGYQE LPDWPEEAPD PSVRNVEVPE WTKCSNREKR KEKEKPFYSD SEGESGPTES ADSEPESESE SESKSSSGSG SGESSSESDN

Product Details

	EEEDEEKGGG SESEQSEEED EKKKKTKKKK ASEGHREGSS SEEGSDSSSS SESEVTSESE EEQVEPASWR KKTPPGSKSA PVAKEISLLD LEDFTPPSVQ PVSPPMVVST SLAADLEGLT LTDSSLVPSL LSPVSSIGRQ ELLHRVAGEG LSVDYAFSRQ PFSGDPHMVS LHIYFSNNSE TPIKGLHVGT PKLPAGISIQ EFPEIESLAP GESTTTVMGI NFCDSTQAAN FQLCTQTRQF YVSIQPPVGE LMAPVFMSEN EFKKEQGKLT GMNEITEKLT LPDTCRSDHM VVQKVTATAN LGRVPCGTSD EYRFAGRTLT SGSLVLLTLD ARAAGAAQLT VNSEKMVIGT MLVKDVIQAL TQ **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:	AP3B2
Alternative Name:	Ap3b2 (AP3B2 Products)
Background:	AP-3 complex subunit beta-2 (Adaptor protein complex AP-3 subunit beta-2) (Adaptor-related protein complex 3 subunit beta-2) (Beta-3B-adaptin) (Clathrin assembly protein complex 3 beta-

Target Details

	2 large chain),FUNCTION: Subunit of non-clathrin- and clathrin-associated adaptor protein complex 3 (AP-3) that plays a role in protein sorting in the late-Golgi/trans-Golgi network (TGN) and/or endosomes. The AP complexes mediate both the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules. AP-3 appears to be involved in the sorting of a subset of transmembrane proteins targeted to lysosomes and lysosome-related organelles. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. {ECO:0000269|PubMed:21998198}.
Molecular Weight:	119.2 kDa
UniProt:	Q9JME5

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

