

Datasheet for ABIN7552223
AP5B1 Protein (AA 1-878) (His tag)



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Overview

Quantity:	1 mg
Target:	AP5B1
Protein Characteristics:	AA 1-878
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP5B1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant AP5B1 Protein expressed in mammalian cells.
Sequence:	MGPLSRDAWA QRLGAFRASP SAFMAGPEGE DLGRDLSL RSEKLSEQTK VSL LALSMEY PAQLWPDASA AEVAATSLLD TLVLLPPRPS ALRRPLLLAA TTALAAGGAL GPTSGASCRL LPLLLGLAAG SDLGRGFVPA SEQRPLQATA CECLRELESC KPGLLGSLG LLRGLLGQEG PVQPLSLLLA LALRNTLVLQ SRVGAGLGGL LTKVSPTGG GPWDWTLVEE GDGRLQPQAP SWPAAEEGEG ERSLTAREHS PEEARELRAA VIQLLDTSYL LTPVAQAQLL WLLGWALRGL QGQPPALFKP QLVRLGTAQ LTLHAMLAL KAAFGEALFT AQDEALLRR LTAAQHPAL PPPTHLYLH CVLSFPENWP LGPEGEEAAP LLLGPQLCRG LLPSLLHDPM ALLARLHLLC LLCAEEEEEE KGQLPSPRHY LEELLAGLRQ RAALDGGPRA LATLCFQASY LVACCLAGQP TVLTPLIHGL AQLYQARPML APHFVDLLDQ VDSELREPLK VVLRQVVVSR PGRDEALCWH LQMLAKVADG DAQSATLNFL QAAAAHCTNW DLQQGLLRVC RALLRAGVRG GLVDLLQVLA RQLEDPDGRD HARLYYILLA HLAAPKLGVA LGPSLAAPAL ASSLVAENQG FVAALMVQEA PALVRLSLGS HRVKGPLPVL KLQPEALEPI YSELRFVRVE GQLYAPLEAV HVPCLCPGRP

Product Details

ARPLLLPLQP RCPAPARLDV HALYTTSTGL TCHAHLPPLF VNFADLFLPF PQPPEGAGLG
FFEELWDSCL PEGAESRVWC PLGPQGLEGL VSRHLEPFVV VAQPPTS YCV AIHLPPDSKL
LLRLEAALAD GVPVALRTDD WAVLPLAGDY LRGLAAAV **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: AP5B1

Alternative Name: AP5B1 ([AP5B1 Products](#))

Background: AP-5 complex subunit beta-1 (Adaptor-related protein complex 5 beta subunit) (Beta5),FUNCTION: As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport. {ECO:0000269|PubMed:22022230}.

Molecular Weight: 93.9 kDa

Target Details

UniProt: [Q2VPB7](#)

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