

Datasheet for ABIN7552257
AP5Z1 Protein (AA 1-807) (His tag)



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Overview

Quantity:	1 mg
Target:	AP5Z1
Protein Characteristics:	AA 1-807
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This AP5Z1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat AP5Z1 Protein expressed in mammalian cells.
Sequence:	MFSAGAESLL HQAREIQDEE LKKFCSRICK LLQAEDLGPD TLDSLQRLFL IISATKYSRR LEKTCVDLLQ ATGLPACPE QLQVLCAIL REMSPSDSLS LAWDHTQNSR QLSLVASVLL AQGDRNEEVR AVGGQVLRAL ESRQPEGPSL RHLLPVMKV VVLSPGTLQE DQATLLSKRL VDWLRYSALQ QGLPHSGGFF STPRARQPGP VTEVDGAVAT DFFTVLSSGH RFTDDQWLVN QAFSMLRAWL LHSGPEPGT LDTDDRSEGE GSTLSVISAT SSAGRLLPPR ERLREVAFEY CQRLIEQSNR RALRKGDSL QKACLVEAVL VLDVLCRQDP SFLYRSLSCL KALHGRVVRGD PASVRVLLPL AHFFLSHGEA AAVDSEAVYQ HLFTRIPVEQ FHSPMLAFEF IQFCRDNLHL FSGHLSTLRL SFPNLFKFLA WNSPPLTSEF VALLPALVDA GTALEMLHAL LDLPCLTAVL DLQLRSAPAA SERPLWDTSL RAPSCLEAFR DPQFQGLFQY LLRPKASGAT ERLAPLHQLL QPMAGCARVA QCAQAVPTLL QAFFSAVTQV ADGSLINQLA LLLLGRSDSL YPAPGYAAGV HVLSSQFLA LCTLKPSLVV ELARDLLEFL GSVNGLCSRA SLVTSVWWAI GEYLSVTYDR

Product Details

RCTVEQINKF FEALEALLFE VTQCRPSAAL PRCPPQVTV LMTTLTKLAS RSQDLIPRAS
LLLSKMRTLA HSPATSSTHS EEGAEAIRTR ATELLTLLKM PSVAQFVLTP STEVCSPRYH
RDANTALPLA LRTVSRLVER EAGLMPG **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

AP5Z1

Alternative Name:

AP5Z1 ([AP5Z1 Products](#))

Background:

AP-5 complex subunit zeta-1 (Adaptor-related protein complex 5 zeta subunit (Zeta5)),FUNCTION: As part of AP-5, a probable fifth adaptor protein complex it may be involved in endosomal transport. According to PubMed:20613862 it is a putative helicase required for efficient homologous recombination DNA double-strand break repair.
{ECO:0000269|PubMed:20613862, ECO:0000269|PubMed:22022230}.

Molecular Weight:

88.6 kDa

UniProt:

[O43299](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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
