

Datasheet for ABIN7544058
XAB2 Protein (AA 1-855) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	XAB2
Protein Characteristics:	AA 1-855
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XAB2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant XAB2 Protein expressed in mammalian cells.
Sequence:	<p>MVVMARLSRP ERPDLVFEEE DLPYEEEIMR NQFSVKCWLR YIEFKQGAPK PRLNQLYERA</p> <p>LKLLPCSYKL WYRYLKARRA QVKHRCVTDP AYEDVNNCHE RAFVFMHKMP RLWLDYCQFL</p> <p>MDQGRVTHTR RTFDRLRAL PITQHSRIWP LYLRFLRSH LPETAVRGYR RFLKLSPESA</p> <p>EEYIEYLKSS DRLDEAAQRL ATVVNDERFV SKAGKSNYQL WHELCDLISQ NPDKVQSLNV</p> <p>DAIRGGLTR FTDQLGKLWC SLADYYIRSG HFEKARDVYE EAIRTVMTVR DFTQVFDSYA</p> <p>QFEESMIAAK METASELGRE EEDVDLELR LARFEQLISR RPLLLNSVLL RQNPHHVHEW</p> <p>HKRVALHQGR PREIINTYTE AVQTVDPFKA TGKPHTLWVA FAKFYEDNGQ LDDARVILEK</p> <p>ATKVNFKQVD DLASVWCQCG ELELRHENYD EALRLLRKAT ALPARRAEYF DGSEPVQNRV</p> <p>YKSLKVSML ADLEESLGTG QSTKAVYDRI LDLRIATPQI VINYAMFLEE HKYFEESFKA</p> <p>YERGISLFKW PNVSDIWSTY LTKFIARYGG RKLERARDLF EQALDGCPPK YAKTLYLLYA</p> <p>QLEEEWGLAR HAMAVYERAT RAVEPAQQYD MFNIYIKRAA EIYGVTHTRG IYQKAIEVLS</p> <p>DEHAREMCLR FADMECKLGE IDRARAIYSF CSQICDPRTT GAFWQTWKDF EVRHGNEDTI</p>

Product Details

KEMLRIRRSV QATYNTQVNF MASQMLKVSG SATGTVSDLA PGQSGMDDMK LLEQRAEQLA
AEAERDQPLR AQSKILFVRS DASREELAE AQQVNPEEIQ LGEDEDEDEM DLEPNEVRLE
QQSVPAAVFG SLKED **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: XAB2

Alternative Name: XAB2 ([XAB2 Products](#))

Background: Pre-mRNA-splicing factor SYF1 (Protein HCNP) (XPA-binding protein 2),FUNCTION: Involved in pre-mRNA splicing as component of the spliceosome (PubMed:11991638, PubMed:28502770, PubMed:28076346). Involved in transcription-coupled repair (TCR), transcription and pre-mRNA splicing (PubMed:10944529, PubMed:17981804). {ECO:0000269|PubMed:10944529, ECO:0000269|PubMed:11991638, ECO:0000269|PubMed:17981804, ECO:0000269|PubMed:28076346, ECO:0000269|PubMed:28502770}.

Target Details

Molecular Weight: 100.0 kDa

UniProt: [Q9HCS7](#)

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