

Datasheet for ABIN7555973
UNC45B Protein (AA 1-931) (His tag)



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Overview

Quantity:	1 mg
Target:	UNC45B
Protein Characteristics:	AA 1-931
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This UNC45B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant UNC45B Protein expressed in mammalian cells.
Sequence:	MAEVEAVQLK EEGNRHFQLQ DYKAATNSYS QALKLTKDKA LLATLYRNRA ACGLKTESYV QAASDASRAI DINSSDIKAL YRRCQALEHL GKLDQAFKDV QRCATLEPRN QNFQEMLRRL NTSIQEKL RV QFSTDSRVQK MFEILLDENS EADKREKAAN NLIVLGREEA GAEKIFQNNG VALLQLLDT KKPELVLA AV RTLSGMCSGH QARATVILHA VRIDRICSLM AVENEEMSLA VCNLLQAIID SLSGEDKREH RGKEEALVLD TKKDLKQITS HLLDMLVSKK VSGQGRDQAL NLLNKNVPRK DLAIHDNSRT IYVDNGLRK ILKVVGQVPD LPSCPLTDN TRMLASILIN KLYDDLRCDP ERDHFRKICE EYITGKFDPQ DMDKNLNAIQ TVSGILQGPF DLGNQLLGLK GVMEMMVALC GSERETDQLV AVEALIHAST KLSRATFIIT NGVSLKQIY KTTKNEKIKI RTLVLGCKLG SAGGTDYGLR QFAEGSTEKL AKQCRKWLCN MSIDTRTRRW AVEGLAYLTL DADVKDDFVQ DVPALQAMFE LAKAGTSDKT ILYSVATTLV NCTNSYDVKE VIPELVQLAK FSKQHVPEEH PKDKKDFIDM RVKRLKAGV ISALACMVKA DSAILTDQTK ELLARVFLAL CDNPKDRGTI VAQGGGKALI PLALEGTDVG KVKAHALAK IAAVSNPDIA FPGERVYEVV

Product Details

RPLVRLLDLTDQ RDGLQNYEAL LGLTNLSGRS DKLRQKIFKE RALPDIENYM FENHDQLRQA
ATECMCNMVL HKEVQERFLA DGNDRLKLVV LLCGEDDDKV QNAAAGALAM LTAAHKKLCL
KMTQVTTQWL EILQRLCLHD QLSVQHRGLV IAYNLLAADA ELAKKLVESSE LLEILTVVGK
QEPDEKKAIEV VQTARECLIK CMDYGFIPV S

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: UNC45B

Alternative Name: UNC45B ([UNC45B Products](#))

Background: Protein unc-45 homolog B (Unc-45B) (SMUNC45),FUNCTION: Acts as a co-chaperone for HSP90 and is required for proper folding of the myosin motor domain. Plays a role in sarcomere formation during muscle cell development. Is necessary for normal early lens development. {ECO:0000250|UniProtKB:Q6DGE9, ECO:0000250|UniProtKB:Q8CGY6}.

Target Details

Molecular Weight: 103.7 kDa

UniProt: [Q8IWX7](#)

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