Datasheet for ABIN7555864

EFTUD2 Protein (AA 1-972) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	EFTUD2
Protein Characteristics:	AA 1-972
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFTUD2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EFTUD2 Protein expressed in mammalian cells.
Sequence:	MDTDLYDEFG NYIGPELDSD EDDDELGRET KDLDEMDDDD DDDDVGDHDD DHPGMEVVLH EDKKYYPTAE EVYGPEVETI VQEEDTQPLT EPIIKPVKTK KFTLMEQTLP VTVYEMDFLA DLMDNSELIR NVTLCGHLHH GKTCFVDCLI EQTHPEIRKR YDQDLCYTDI LFTEQERGVG IKSTPVTVVL PDTKGKSYLF NIMDTPGHVN FSDEVTAGLR ISDGVVLFID AAEGVMLNTE RLIKHAVQER LAVTVCINKI DRLILELKLP PTDAYYKLRH IVDEVNGLIS MYSTDENLIL SPLLGNVCFS SSQYSICFTL GSFAKIYADT FGDINYQEFA KRLWGDIYFN PKTRKFTKKA PTSSSQRSFV EFILEPLYKI LAQVVGDVDT SLPRTLDELG IHLTKEELKL NIRPLLRLVC KKFFGEFTGF VDMCVQHIPS PKVGAKPKIE HTYTGGVDSD LGEAMSDCDP DGPLMCHTTK MYSTDDGVQF HAFGRVLSGT IHAGQPVKVL GENYTLEDEE DSQICTVGRL WISVARYHIE VNRVPAGNWV LIEGVDQPIV KTATITEPRG NEEAQIFRPL KFNTTSVIKI AVEPVNPSEL PKMLDGLRKV NKSYPSLTTK VEESGEHVIL GTGELYLDCV MHDLRKMYSE IDIKVADPVV TFCETVVETS SLKCFAETPN KKNKITMIAE PLEKGLAEDI ENEVVQITWN RKKLGEFFQT

Product Details

	KYDWDLLAAR SIWAFGPDAT GPNILVDDTL PSEVDKALLG SVKDSIVQGF QWGTREGPLC DELIRNVKFK ILDAVVAQEP LHRGGGQIIP TARRVVYSAF LMATPRLMEP YYFVEVQAPA DCVSAVYTVL ARRRGHVTQD APIPGSPLYT IKAFIPAIDS FGFETDLRTH TQGQAFSLSV FHHWQIVPGD PLDKSIVIRP LEPQPAPHLA REFMIKTRRR KGLSEDVSIS KFFDDPMLLE LAKQDVVLNY PM **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:	EFTUD2
Alternative Name:	EFTUD2 (EFTUD2 Products)
Background:	116 kDa U5 small nuclear ribonucleoprotein component (Elongation factor Tu GTP-binding domain-containing protein 2) (SNU114 homolog) (hSNU114) (U5 snRNP-specific protein, 116 kDa) (U5-116 kDa),FUNCTION: Required for pre-mRNA splicing as component of the spliceosome, including pre-catalytic, catalytic and post-catalytic spliceosomal complexes

Target Details

	(PubMed:28502770, PubMed:28781166, PubMed:28076346, PubMed:29361316, PubMed:30315277, PubMed:29360106, PubMed:29301961, PubMed:30705154, PubMed:25092792). Component of the U5 snRNP and the U4/U6-U5 tri-snRNP complex, a building block of the spliceosome (PubMed:16723661). As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (Probable). {ECO:0000269|PubMed:16723661, ECO:0000269|PubMed:25092792, ECO:0000269|PubMed:28076346, ECO:0000269|PubMed:28502770, ECO:0000269|PubMed:28781166, ECO:0000269|PubMed:29301961, ECO:0000269|PubMed:29360106, ECO:0000269|PubMed:29361316, ECO:0000269|PubMed:30315277, ECO:0000269|PubMed:30705154, ECO:0000305|PubMed:33509932}.
Molecular Weight:	109.4 kDa
UniProt:	Q15029

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