Datasheet for ABIN7553789

EFCAB5 Protein (AA 1-1503) (His tag)

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Overview

Quantity:	1 mg
Target:	EFCAB5
Protein Characteristics:	AA 1-1503
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFCAB5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EFCAB5 Protein expressed in mammalian cells.
Sequence:	MNESASQEEL RPAQENRKED KERKWNLTEV KELHETLQSV PDVPVKEDTN SVVEKAMDEI KSQELNLEGQ RKISPGSIKD SKTEASGNIA IRKSAKVIFA LDETELKSKP EHTWKKNLFE RMEARAQAMQ QKIIDKENLK KELEKKAEKK LPRDNLAKEW FNTDSMTLNN TAYLLDKLLP TLVPGVENML TQVEKKKVLT EADTPSKFDP INYLGEYLIR NNPNYIKDPG MSGYQRLMKE VTEDLKIYVP DTICNRVSKM KENVKQNRKQ RESIDKIIVK VANTRKQALQ EQFDEWILDP KGMIPKSVIQ NVLQEFFQNP DFKLGSHCKQ LDITDSTEPR LNKMEFTEYI SSHIKDLKSE MFEELLKHLC HSADEFREVI KADMRRQMFA ELFLHCDHGK VGFLDRQRTL ALLELFYDHS SQMLRSLLRN PRQWPFIEFE EINLTELWGD MDNQKHIYEG FDKVLLEMNT LLSANHASKT QSKLLESPDQ PKLNEQRTST PSPNPPEQQR GVTAEQGPQR ISIEEQQQGK KPTAEQELYI ESVIEPGTHT ESTLEQGSSR RLLTEQETHR ESTTEQGQHK GSIEGQGPRR VSVSEQGSSR ESVAEQGSRR ESIAEQDRHK GSVAEQGSRR MSAAEQGSLR ESVIEEPYQK SEQGPYGEII SEEQEDIGST SQSRKDSILK STKYGEPITS EYIEVPLQEK RSWEQTYEEE IFLSSELQEE

	VPTLSRKDHF PETTKKEVQK DKPCEPKSQK IEGKSWSGEF FTCNWKMKYV TFEDEEQANL IYGNSRFTDL HSIIRNIQSC KEVKGRTAFN GVSFNLLQFV QLLETFVGED APLSVSETLT SFFKEGYVET EQEKMNALEQ FSQNAFQVRQ RLLLEAIFQK WDSDGSGFLD LKEVDELLYT YKEGMEKESM KKAKLHIQFP KPHPGHEVRL SSKQFQNYIE LVVSELRGNE DQVLESVVEF LMNALERSHI ESLRNSARRK WLHQIQCAAE TSGVSLEPVY SETFKALMQD AEAHGNKKIS AHISLLEENL LLPEKGNVLL RNVACTLDDA QFVLNRVLYR DMKGISFTVV DEGKPIHVPQ VQYHGNIFFW NQSRNKHDYN GSFLALPLQD AYMRIFGVLA VDTLRDPHEI NIFLPHEIRF YQGVANVFST AYHYVHSREH ILHIVITGIG WLYDVTSSIT SITTYFVEPS PAQDSDYVLR NMMVTGQLGL TEIHKNPPTI HRKSCIFRDF LFKCTDSSEV VLASACGETH IVVPLRERTG EALGVLDFNI GQNRMLLCQE YKDLQKMMKV VQVACYEILG EFSGEIKKKY ILEIENVREV QRAGILFFRI MLLELQESIQ LLNSMEFVSL LLYDHTLVTE PNSPQDSKSM ELEANVKLVR DILKAVILFF HPELEFSSDF GSWDKCKFYV NKYLVNNICA FDPTAKHVEV NVQLIDEYIR DHSRTEVWKF GNVVIEHLYH WIHICSALMK ITKQLNSGIT PPLPSKTDNY MYAKMPGEGL QEK **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:	EFCAB5
Alternative Name:	EFCAB5 (EFCAB5 Products)
Background:	EF-hand calcium-binding domain-containing protein 5
Molecular Weight:	173.4 kDa
UniProt:	A4FU69

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