

Datasheet for ABIN7553790

EFCAB6 Protein (AA 1-1501) (His tag)



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Overview

Quantity:	1 mg
Target:	EFCAB6
Protein Characteristics:	AA 1-1501
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EFCAB6 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant EFCAB6 Protein expressed in mammalian cells.
Sequence:	MCKMAIIPDW LRSHPHTRKF THSRPHSSPC RVYSRNGSPN KFRSSSTTAV ANPTLSSLDV KRILFQKITD RGDELQKAFQ LLDTGQNLTV SKSELRRIT DFLMPLTREQ FQDVLAQIPL STSGTVPYLA FLSRFGGIDL YINGIKRGGG NEMNCCRTLRL ELEIQVGEKV FKNIKTVMKA FELIDVNKTG LVRPQELRRV LETFCMKLRD EEYEKFSKHY NIHKDTAVDY NVFLKNLSIN NDLNLRYCMG NQEVSLNQQ AKNSKKERLL GSASSEDIWR NYSLDEIERN FCLQLSKSYE KVEKALSAGD PCKGGYVSFN YLKIVLDTFV YQIPRRIFIQ LMKRFGKAT TKINWKQFLT SFHEPQGLQV SSKGPLTKRN SINSRNESHK ENIITKLFRH TEDHSASLKK ALLIINTKPD GPITREEFRY ILNCMAVKLS DSEFKELMQM LDPGDTGVVN TSMFIDLIEE NCRMRTKSPC TDAKTPFLLA WDSVEEIVHD TITRNLQAFY NMLRSYDLGD TGRIGRNNFK KIMHVFQPFLL TNAHFIKLCs KIQDIGSGRI LYKKLLACIG IDGPPTVSPV LVPKDQLLSE HLQKDEQQQP DLSSERTKLTE DKTTLTKKMT TEEVIEKFKK CIQQQDPAFK KRFLDFSKEP NGKINVHDFK KVLEDTGMPM DDDQYALLTT KIGFEKEGMS YLDFAGGFED PPMRGPETTP PQPPTPSKSY

VNSHFITAEELKLFPRRLKESFRDPYSAFFKTDADRDGINMHDLHRLLLHLLLNKDD
EFERFLGLLGLRLSVTLNFEREQNLCEKRPWRTDEAPQRLIRPKQKVADS ELACEQAHQY
LVTKAKNRWS DLSKNFLETDNEGNLILRRRDIKNALYGFDIPLTPREFEKLWARYDTEGK
GHITYQEFLQLGINYSPAVHRPCAEDYFNFMGHFTKPQQLQEEMKELQQSTEKAVAARD
KLMDRHQDISKAFTKTDQSKTNYISICKMQEVLEECGCSL TEGELTHLLNSWGVSRHDNA
INYLDLFLRAVENSKSTGAQPKKEEESMPINFATLNPQEAVRKIQEVVESSQLALSTAFSA
LDKEDTGFVKATEFGQVLKDFCYKLTDNQYHYFLRKLRIHLTPYINWKYFLQNFSCFLEE
TADEWAEKMPKGPPPTSPKATADRILARLHKAVTSHYHAITQEFENFDTMKTNTISREE
FRAICNRRVQILTDEQFDRLWNEMPVNAKGRKYPDFLSRFSSETAATPMATGDSAVAQR
GSSVPDVSEGTRSALSPTQELRPGSKSQSHPCPTASTTVIPGTPPLQNC DRIESRLRKR
IQGCWRQLLECKEKDVARQGDINASDFLA LVEKFNLDISKEECQQLIKYDLKSNGKFA
YCDFIQSCVL LKAKESSLMHRMKIQNAHKMKEAGAETPSFYSALLRIQPKIVHCWRPMPR
RTFKSYDEAGTGLLSVADFRTVLRQYSINLSEEEFFHILEYYDKTLSSKISYNDFLRAFLQ

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:	EFCAB6
Alternative Name:	EFCAB6 (EFCAB6 Products)
Background:	EF-hand calcium-binding domain-containing protein 6 (CAP-binding protein complex-interacting protein 1) (DJ-1-binding protein) (DJBP),FUNCTION: Negatively regulates the androgen receptor by recruiting histone deacetylase complex, and protein DJ-1 antagonizes this inhibition by abrogation of this complex (PubMed:12612053). Microtubule inner protein (MIP) part of the dynein-decorated doublet microtubules (DMTs) in cilia axoneme, which is required for motile cilia beating (Probable). {ECO:0000269 PubMed:12612053, ECO:0000305}.
Molecular Weight:	172.9 kDa
UniProt:	Q5THR3

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