

Datasheet for ABIN7564102

FKBP15 Protein (AA 1-1216) (His tag)



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Overview

Quantity:	1 mg
Target:	FKBP15
Protein Characteristics:	AA 1-1216
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP15 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Fkbp15 Protein expressed in mammalian cells.
Sequence:	<p>MFGAGDEDDT DFLSPSGGAK LASLFGLDQA TMGHGNEFFQ YTAPKQPKKG QGTAAGNQTA</p> <p>PKPAPATTGT SSVLFATAVH AYRYINGQYA KQGFGA AVL GNHTSREYRI LLYISQQQPV</p> <p>TVATIHNLFE LMVRPNNYST FYDDQRQNWIS IMFESKA AV SFNKQVCVAK CNSISSLDAV</p> <p>LCQDLVAAEG PAVETGDSLE VAYTGWLLQN HVLGQVFDST ANKDKPLRLK LGSGKVVKGL</p> <p>EDGLLGMKKG GKRLIITPSA CAAGSEGVIG WTQPTDSILV FEVEVRRVKF ARDSGSDGHS</p> <p>VSSRDSAAPS PIPASDSL SA DPVVTPLPLP LKPGEPGLRS KSNLSSEQLT VNSNPDTVKA</p> <p>KLISRMAMKG QPMLPILPPQ LDSNDSETED ATVLRGAGQS LVTPSIQPSL QPAHPVLPQM</p> <p>ASQAPQPSGS GLQTPSAALM QAVSLDSHSA VSGNAQNFQP YAGVQAYAYP QTPSVTSQLQ</p> <p>PVRPLYPAPL SQAPHFQGS G DMMSFLMTEA RQHNT EIRMA VNKVADKMDH LMTKVEELQK</p> <p>HSSGNSMLLP SMSVTMETSM IMSNIQRII Q ENERLKQELL EKSSRIEEQN DKISDLIERN</p> <p>QRYVEQSNLM MEKRNNSLQT ATENTQARIL HAEQEKAKVT EELAAATAQV SHLQLKMTAH</p>

QKKETELQLQ LTDNLKETDL LRGHVTRLQA DLSELREASE QTQTKFKSEK QSRRQLELKV
TSLEEELTDL RAEKTSLEKN LSEKKKKSAQ ERCQAEAEMD EIRKSHQEEL DRLRQLLKKA
RVSTDQAAAE QLTLAQAEQ SQWEAKCEQL LASARDEHLQ QYREVCAQRD AHQQKLALLQ
DECLALQAQI AAFTEQKEHM QRLEKTKSQA PAGRAAADPS EKVKKIMNQV FQSLRGEFEL
EESYDGGTIL RTIMHTIKMV TLQLLNHQEE EEEEEEEEE EKKPLRPSLE QPGPATPGMP
PAPPSGETQE APEVLPEQVV GETTPLPLQA LPTPENGAQT RKGEPAEAEV PSEIKDSSLP
PQPAGIPAHR VLGPPTSIPP KPPGPVTMDS ESEEMLAADQ RTVQPNGLLG EEHVREVATD
GLLQGNRRRL SLTPDPEKGE PPALDPESQG GEAQPPECKQ AEDVSSSGPR ETLLDTELAS
AAAGTSLRHN QDSQHCSLSG DEEDELFKGA TLKVRPTAQ PEEEDEDEVS MKGRPPPTPL
FGDDDDDDDD DIGWLG **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	FKBP15
Alternative Name:	Fkbp15 (FKBP15 Products)
Background:	FK506-binding protein 15 (FKBP-15) (133 kDa FK506-binding protein) (133 kDa FKBP) (FKBP-

Target Details

	133) (WASP and FKBP-like) (WAFL),FUNCTION: Involved in the transport of early endosomes at the level of transition between microfilament-based and microtubule-based movement (By similarity). May be involved in the cytoskeletal organization of neuronal growth cones. Seems to be inactive as a PPIase. {ECO:0000250, ECO:0000269 PubMed:16756961}.
Molecular Weight:	133.0 kDa
UniProt:	Q6P9Q6
Pathways:	SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. 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