

Datasheet for ABIN7553912

FKBP15 Protein (AA 1-1219) (His tag)



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Overview

Quantity:	1 mg
Target:	FKBP15
Protein Characteristics:	AA 1-1219
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FKBP15 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FKBP15 Protein expressed in mammalian cells.
Sequence:	<p>MFGAGDEDDT DFLSPSGGAR LASLFGLDQA AAGHGNEFFQ YTAPKQPKKG QGTAATGNQA</p> <p>TPKTAPATMS TPTILVATAV HAYRYTNGQY VKQKGFGAAV LGNHTAREYR ILLYISQQQP</p> <p>VTVARIHVNF ELMVRPNNYS TFYDDQRQNW SIMFESEKAA VEFNKQVCIA KCNSTSSLDA</p> <p>VLSQDLIVAD GPAVEVGDSL EVAYTGWLFQ NHVLGQVFDS TANKDKLLRL KLGSGKVIKG</p> <p>WEDGMLGMKK GKRLLIVPP ACAVGSEGI GWTQATDSIL VFEVEVRRVK FARDSGSDGH</p> <p>SVSSRDSAAP SPIGADNLS ADPVVSPPTS IPFKSGEPAL RTKSNSLSEQ LAINTSPDAV</p> <p>KAKLISMAK MGQPMLPILP PQLDSNDSEI EDVNTLQGGG QPVVTPSVQP SLHPAHPALP</p> <p>QMTSQAPQPS VTGLQAPSAA LMQVSSLDSH SAVSGNAQSF QPYAGMQAYA YPQASAVTSQ</p> <p>LQPVRPLYPA PLSQPPHFQG SGDMASFLMT EARQHNTAIR MAVSKVADKM DHLMTKVEEL</p> <p>QKHSAGNSML IPSMSVTMET SMIMSNIQRI IQENERLKQE ILEKSNRIEE QNDKISELIE</p> <p>RNQRYVEQSN LMMEKRNNSL QTATENTQAR VLHAEQEKAK VTEELAAATA QVSHLQLKMT</p> <p>AHQKETELQ MQLTESLKET DLLRGQLTKV QAKLSELQET SEQAQSKFKS EKQNRKQLEL</p>

KVTSLEEELT DLRVEKESLE KNLSEKKKKS AQERSQAEED IDEIRKSYQE ELDKLRQLLK
KTRVSTDQAA AEQLSLVQAE LQTQWEAKCE HLLASAKDEH LQQYQEVCAQ RDAYQQKLVS
LQEKCLALQA QITALTKQNE QHIKELEKNK SQMSGVEAAA SDPSEKVKKI MNQVFQSLRR
EFELEESYNG RTILGTIMNT IKMVTLLQLN QQEQEKEESS SEEEEKAEE RPRRPSQEQS
ASASSGQPQA PLNRERPESP MVPSEQVVEE AVPLPPQALT TSQDGHRRKG DSEAEALSEI
KDGSLPEELS CIPSHRVLGP PTSIPPEPLG PVSMDSCEEE SLAASPMAAK PDNPSGKVCV
REVAPDGPLQ ESSTRSLTS DPEEGDPLAL GPESGPGEQP PQLKKDDVTS STGPHKELSS
TEAGSTVAGA ALRPSHHSQR SSLSGDEEDE LFKGATLKAL RPKAQPEEED EDEVSMKGRP
PPTPLFGDDD DDDDIDWLG **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: FKBP15

Alternative Name: FKBP15 (FKBP15 Products)

Target Details

Background: FK506-binding protein 15 (FKBP-15) (133 kDa FK506-binding protein) (133 kDa FKBP) (FKBP-133) (WASP- and FKBP-like protein) (WAFL),FUNCTION: May be involved in the cytoskeletal organization of neuronal growth cones. Seems to be inactive as a PPlase (By similarity). Involved in the transport of early endosomes at the level of transition between microfilament-based and microtubule-based movement. {ECO:0000250, ECO:0000269|PubMed:19121306}.

Molecular Weight: 133.6 kDa

UniProt: [Q5T1M5](#)

Pathways: [SARS-CoV-2 Protein Interactome](#)

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