

Datasheet for ABIN7547754
FTCD Protein (AA 1-541) (His tag)



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Overview

Quantity:	1 mg
Target:	FTCD
Protein Characteristics:	AA 1-541
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FTCD protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant FTCD Protein expressed in mammalian cells.
Sequence:	MSQLVECVPN FSEGKNQEV DAISGAITQT PGCVLDDVDA GPSTNRTVYT FVGPPECWVE GALNAARVAS RLIDMSRHQG EHPRMGALDV CPFIPVRGVS VDECVLCAQA FGQRLAEELD VPVYLYGEAA RMDSRRTLPA IRAGEYEALP KKLQQADWAP DFGPSSFVPS WGATATGARK FLIAFNINLL GTKEQAHRIA LNLREQGRGK DQPGRLKKVQ GIGWYLDEKN LAQVSTNLLD FEVTALHTVY EETCREAQEL SLPVVGSQLV GLVPLKALLD AAIFYCEKEN LFILEEEQRI RLVSRLGLD SLCPFSPKER IIEYLVPERG PERGLGSKSL RAFVGEVGAR SAAPGGGSVA AAAAAMGAAL GSMVGLMTYG RRQFQSLDTT MRRLIPPFRE ASAKLTTLVD ADAEFTAYL EAMRLPKNTP EEKDRRTAAL QEGLRRAVSV PLTLAETVAS LWPALQELAR CGNLACRSDL QVAAKALEMG VFGAYFNVLI NLRDITDEAF KDQIHHRVSS LLQEAKTQAA LVLDCLETRQ E 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.

Product Details

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:	FTCD
Alternative Name:	FTCD (FTCD Products)
Background:	Formimidoyltransferase-cyclodeaminase (Formiminotransferase-cyclodeaminase) (FTCD) (LCHC1) [Includes: Glutamate formimidoyltransferase (EC 2.1.2.5) (Glutamate formiminotransferase) (Glutamate formyltransferase), Formimidoyltetrahydrofolate cyclodeaminase (EC 4.3.1.4) (Formiminotetrahydrofolate cyclodeaminase)],FUNCTION: Folate-dependent enzyme, that displays both transferase and deaminase activity. Serves to channel one-carbon units from formiminoglutamate to the folate pool. {ECO:0000269 PubMed:12815595}., FUNCTION: Binds and promotes bundling of vimentin filaments originating from the Golgi. {ECO:0000250 UniProtKB:O88618}.
Molecular Weight:	58.9 kDa
UniProt:	O95954

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