

Datasheet for ABIN7560085
FTCD Protein (AA 1-541) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FTCD
Protein Characteristics:	AA 1-541
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FTCD protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Ftcd Protein expressed in mammalien cells.
Sequence:	<p>MSQLVECVPN FSEGNNQEV I DAISRAISQT PGCVLLDVDA GPSTNRTVYT FVGQPECVVE GALHAARTAS QLIDMSKHKG EHPRMGALDV CPFIPVRGVS MEECVLCAKA FGQRLAEELN VPHYLYGEAA QTPSRQTLPA IRAGEYEALP EKLKQAEWVP DFGPSSFVPS WGATVTGARK FLIAFNINLL STKEQAHRIA LNLREQGRGK DQPGRLKKVQ GIGWYLEEKN LAQVSTNLLD FEVTALHTVF EEARREAQEL NLPVVGSQLV GLVPLKALLD AAIFYCDKEK LFLVLEEEHRI RLNVNRLGLD SLAPFDPKER IIEYLVPSDG PEQSLLDTSR RGFVREVGAR SAAPGGGSVA AAVAALGAAL ASMVGMQMTYG RRQFDHLDST MRRLLPPFHA ASAQLTSLVD ADARAFACL EAIKLPKNTP EERDRRACAL QEGLRQAVAV PLKLAETVSQ LWPALQELAH CGNLSCLSDL QVAAKALETG VFGAYFNVLI NLKDMTDDVF KEKTHHRISS LLQEAKTQAA LVLGSLEARK E</p> <p>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.</p>

In case you have a special request, please contact us.

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, Western Blot

Grade:

custom-made

Target Details

Target:

FTCD

Alternative Name:

Ftcd ([FTCD Products](#))

Background:

Formimidoyltransferase-cyclodeaminase (Formiminotransferase-cyclodeaminase) (FTCD) [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 (By similarity). {ECO:0000250}., FUNCTION: Binds and promotes bundling of vimentin filaments originating from the Golgi. {ECO:0000250}.

Molecular Weight:

58.9 kDa

UniProt:

[Q91XD4](#)

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