

Datasheet for ABIN7563975
MCF2L Protein (AA 1-1149) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MCF2L
Protein Characteristics:	AA 1-1149
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCF2L protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Mcf2l Protein expressed in mammalian cells.
Sequence:	<p>MSDCWCFIFC KEHVRSNPLS PQHDGASREE ADHQVDVSDG IRLVPDKAEA TAATASDEIM HQDIVPLCAA DIQEQLKKRF AYLSGGRGQD GSPVITFPDY PAFSEIPDKE FQNVMTYLTS IPSLQDAGIG FILVIDRRQD KWTSVKASVL RIAASFPANL QLVLVLRPTG FFQRTLSDIA FKFNRDEFKM KVPVMMLSSV PELHGYIDKS QLTEDLGGTL DYCHSRWLCH RTAIESFALM VKQTAQMLQA FGTELAETEL PNDVQSTSLV LSAHTEKKAK VKEDLQLALK EGNSILESRL EPLAESAAHS VNQDQLDNQA TVQRLLAQLN ETEAAFDEFW AKHQKLEQC LQLRHFEQGF REVKTTLDISM SQKIAAFTDV GNSLAHVQHL LKDLTAFEK SSVAVDKARA LSLEGQQLIE NRHYAVDSIH PKCEELQHLC DHFASEVTRR RGLLSKSLEL HSLLETSMKW SDEGIFLLAS QPVDKCQSQD GAEALQEIE KFLETGAENK IQELNEIYKE YECILNQDLL EHVQKVFQKQ ESTEEMFHRR QASLKKLAAK QTRPVQPVAP RPEALTKSPS PSPGSWRSS NCSSEGNALR RGPYRRAKSE MSEPRQGRS STGEEEEESLA ILRRHVMNEL LDTERAYVEE LLCVLEGYAA</p>

Product Details

EMDNPLMAHL ISTGLQNKKK ILFGNMEEIY HFHNRNIPAG LESCIDCEPEL VGRCFLERME
EFQIYEKQCQ NKPRSESLWR QCSDCPFFQE CQKKLDHKLS LDSYLLKPVQ RITKYQLLLK
EMLKYSKHCE GAEDLQEALS SILGILKAVN DSMHLIAITG YDGNLGDGK LLMQGSFSVW
TDHKKGHTKV KELARFKPMQ RHLFLHEKAV LFCKKREENG EGYEKAPSYS YKQSLNMTAV
GITENVKGDT KKFEIWYNAR EEVYIIQAPT PEIKAAWVNE IRKVLTSQLQ ACREASQHRA
LEQSHSLPLP TPSSTSPTKG NTRNVKKLED RKTDPLELEG YVSSSLPKPP EKGKGWSKTS
HSLEAPEEDG GWSSAEELIN SSDAEEDGGV GPKKLVPGKY TVVMDDEKGG PDTLAMRSGD
MVEVVEEGAE GLWYVRDLTS SKEGWVPASS LSTLLGKSSS AQCLSSSGKI HCARQLCPEP
AEILSPEPV **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:

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:

MCF2L

Alternative Name:

Mcf2l ([MCF2L Products](#))

Background:

Guanine nucleotide exchange factor DBS (DBL's big sister) (MCF2-transforming sequence-like protein),FUNCTION: Guanine nucleotide exchange factor that catalyzes guanine nucleotide

Target Details

exchange on RHOA and CDC42, and thereby contributes to the regulation of RHOA and CDC42 signaling pathways (PubMed:17000758, PubMed:11889037, PubMed:12006984). Seems to lack activity with RAC1. Becomes activated and highly tumorigenic by truncation of the N-terminus (By similarity). {ECO:0000250|UniProtKB:Q63406, ECO:0000269|PubMed:11889037, ECO:0000269|PubMed:12006984}.

Molecular Weight: 129.1 kDa

UniProt: [Q64096](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Metabolism of Steroid Hormones and Vitamin D](#), [Thyroid Hormone Synthesis](#)

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