

Datasheet for ABIN7553233
CELF4 Protein (AA 1-486) (His tag)



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Overview

Quantity:	1 mg
Target:	CELF4
Protein Characteristics:	AA 1-486
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CELF4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CELF4 Protein expressed in mammalien cells.
Sequence:	MYIKMATLAN GQADNASLST NGLGSSPGSA GHMNGLSHSP GNPSTIPMKD HDAIKLFIGQ IPRNLDEKDL KPLFEEFGKI YELTVLKDRF TGMHKGCAFL TYCERESALK AQSALHEQKT LPGMNRPIQV KPADSESRGG SSCLRQPPSQ DRKLFVGM LN KQQSEDDVRR LFEAFGNIEE CTILRGP DGN SKGCAFVKYS SHAEAQA AIN ALHGSQTMPG ASSSLVVKFA DTDKERTMRR MQQMAGQMGM FNPMAIPFGA YGAYAQALMQ QQAALMASVA QGGYLNPM AA FAAAQM MQMA ALNMNGLAAA PMTPTSGGST PPGITAPAVP SIPSPIGVNG FTGLPPQANG QPAAEAVFAN GIHPYPAQSP TAADPLQAY AGVQQYAGPA AYPAAYGQIS QAFPQPPMI PQQQREGPEG CNLFYHLPQ EFGDAELMQM FLPGFVVSFD NPASAQTAIQ AMNGFQIGMK RLKVQLKRPK DANRPY 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

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:

CELF4

Alternative Name:

CELF4 ([CELF4 Products](#))

Background:

CUGBP Elav-like family member 4 (CELF-4) (Bruno-like protein 4) (CUG-BP- and ETR-3-like factor 4) (RNA-binding protein BRUNOL-4),FUNCTION: RNA-binding protein implicated in the regulation of pre-mRNA alternative splicing. Mediates exon inclusion and/or exclusion in pre-mRNA that are subject to tissue-specific and developmentally regulated alternative splicing. Specifically activates exon 5 inclusion of cardiac isoforms of TNNT2 during heart remodeling at the juvenile to adult transition. Promotes exclusion of both the smooth muscle (SM) and non-muscle (NM) exons in actinin pre-mRNAs. Activates the splicing of MAPT/Tau exon 10. Binds to muscle-specific splicing enhancer (MSE) intronic sites flanking the alternative exon 5 of TNNT2 pre-mRNA. {ECO:0000269|PubMed:11158314, ECO:0000269|PubMed:12649496, ECO:0000269|PubMed:14973222, ECO:0000269|PubMed:15009664, ECO:0000269|PubMed:15894795}.

Molecular Weight:

52.0 kDa

UniProt:

[Q9BZC1](#)

Target Details

Pathways: [Ribonucleoprotein Complex Subunit Organization, Synaptic Membrane](#)

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