

Datasheet for ABIN7553232
CELF3 Protein (AA 1-465) (His tag)



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Overview

Quantity:	1 mg
Target:	CELF3
Protein Characteristics:	AA 1-465
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CELF3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CELF3 Protein expressed in mammalian cells.
Sequence:	<p>MKEPDAIKLF VGQIPRHLEE KDLKPIFEQF GRIFELTVIK DKYTGLHKGC AFLTYCARDS</p> <p>ALKAQSALHE QKTLPGMNRP IQVKPADSES RGEDRKLFVG MLGKQQTDED VRKMFEPFGT</p> <p>IDECTVLRGP DGTSKGCASFV KFTTHAEAQA AINTLHSSRT LPGASSSLVV KFADTEKERG</p> <p>LRRMQQVATQ LGMFSPIALQ FGAYSAYTQA LMQQQAALVA AHSAYLSPMA TMAAVQM QHM</p> <p>AAINANGLIA TPITPSSGTS TPPAIAATPV SAIPAALGVN GYSPVPTQPT GQPAPDALYP</p> <p>NGVHPYPAQS PAAPVDPLQQ AYAGMQHYTA AYPAAAYSLVA PAFPQPPALV AQQPPPPPPQQ</p> <p>QQQQQQQQQQ QQQREGPDGC NIFIYHLPQE FTDSEILQMF VPFGHVISAQ VFVDRATNQS</p> <p>KCFGVVSFDN PASAQAAIQA MNGFQIGMKR LKVQLKRPKD ANRPY 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.</p>

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:

CELF3

Alternative Name:

CELF3 ([CELF3 Products](#))

Background:

CUGBP Elav-like family member 3 (CELF-3) (Bruno-like protein 1) (CAG repeat protein 4) (CUGBP- and ETR-3-like factor 3) (ELAV-type RNA-binding protein 1) (ETR-1) (Expanded repeat domain protein CAG/CTG 4) (RNA-binding protein BRUNOL-1) (Trinucleotide repeat-containing gene 4 protein),FUNCTION: RNA-binding protein involved 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. 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:15009664}.

Molecular Weight:

50.5 kDa

UniProt:

[Q5SZQ8](#)

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.
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Restrictions:	For Research Use only
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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