

Recombinant Mouse Celf3 Protein, Myc/DDK-tagged

Cat. No. Celf3-6574M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length trinucleotide repeat containing 4 (cDNA clone MGC:66604 IMAGE:6401356), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	53.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Celf3 CUGBP, Elav-like family member 3 [*Mus musculus* (house mouse)]

Official Symbol Celf3

Synonyms Celf3; CUGBP, Elav-like family member 3; BRU; ERD; Tnr; CAGH; CAGH4; ERDA4; ETR-1; Tnrc4; BRUNOL1; 4930415M08Rik; CUGBP Elav-like family member 3; CUG-BP- and ETR-3-like factor 3; ELAV-type RNA-binding protein 1; RNA-binding protein BRUNOL-1; VCUGBP, Elav-like family member 3; bruno-like protein 1; trinucleotide repeat containing 4; trinucleotide repeat-containing gene 4 protein

Gene ID 78784

mRNA Refseq NM_172434

Protein Refseq NP_766022

UniProt ID Q8CIN6

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