

Recombinant Full Length Human CELF1 Protein, GST-tagged

Cat. No. CELF1-2391HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CUGBP1 full-length ORF (NP_941989.1, 1 a.a. - 483 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	483 amino acids
Description	Members of the CELF/BRUNOL protein family contain two N-terminal RNA recognition motif (RRM) domains, one C-terminal RRM domain, and a divergent segment of 160-230 aa between the second and third RRM domains. Members of this protein family regulate pre-mRNA alternative splicing and may also be involved in mRNA editing, and translation. This gene may play a role in myotonic dystrophy type 1 (DM1) via interactions with the dystrophin myotonic-protein kinase (DMPK) gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]
Molecular Mass	78 kDa
AA Sequence	MNGTLDHPDQPDLDIAIKMFVGQVPRTWSEKDLRELFEQYGAVYEINVLRDRSQNPP QSKGCCFVTFYTRKAALEAQNALHNMKVLPGMHHPIMKPADSEKNNAVEDRKLF GMISKKCTENDIRVMFSSFGQIEECRILRGPDGLSRGCAFVTFTTRAMAQTAIKAMH QAQTMEGCSPMVVKFADTQKDKEQKRMAQQLQQQMQQISAASVWGNLAGLNTL GPQYLALLQQTASSGNLNTLSSLHPMGGLNAMQLQNLAAALAAAASAAQNTPSGTNA

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LTTSSSPLSVLTSSAGSSPSSSSSSNSVNPIASLGALQTLAGATAGLNVGSLAGMAAL
 NGGLGSSGLSNGTGSTMEALTQAYSGIQQYAAAAALPTLYNQNLTTQQSIGAAGSQK
 EGPEGANLFIYHLPQEFGDQDLLQMFMFPFGNVVSAKVFDKQTNLSKCFGFVSYDN
 PVSAQAAIQSMNGFQIGMKRLKVQLKRSKNDSPY

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CELF1 CUGBP, Elav-like family member 1 [Homo sapiens]

Official Symbol CELF1

Synonyms CELF1; CUGBP, Elav-like family member 1; CUG triplet repeat, RNA binding protein 1 , CUG triplet repeat, RNA binding protein 1 , CUGBP1; CUGBP Elav-like family member 1; bruno like 2; BRUNOL2; CUG RNA binding protein; CUG BP; CUGBP; EDEN BP; embryo deadenylation element binding protein; hNab50; NAB50; NAPOR; nuclear polyadenylated RNA binding protein; 50 kD; CELF-1; CUG-BP1; bruno-like 2; EDEN-BP homolog; bruno-like protein 2; CUG RNA-binding protein; deadenylation factor CUG-BP; RNA-binding protein BRUNOL-2; CUG-BP- and ETR-3-like factor 1; CUG triplet repeat RNA-binding protein 1; CUG triplet repeat, RNA binding protein 1; CUG triplet repeat, RNA-binding protein 1; 50 kDa nuclear polyadenylated RNA-

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binding protein; nuclear polyadenylated RNA-binding protein, 50-kD; embryo deadenylation element-binding protein homolog; CUG-BP; CUGBP1; EDEN-BP;

Gene ID [10658](#)

mRNA Refseq [NM_001025596](#)

Protein Refseq [NP_001020767](#)

MIM [601074](#)

UniProt ID [Q92879](#)

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