

Recombinant Full Length Human CELF1 Protein, C-Flag-tagged

Cat. No. CELF1-1436HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CELF1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 dystrophia myotonica-protein kinase (DMPK) gene. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51.4 kDa
AA Sequence	MNGTLDHPDQPDLDIAIKMFVGQVPRTWSEKDLRELFEQYGAVYEINVLRDRSQNPP QSKGCCFVTFYTRK AALEAQNALHNMKVLPGMHHPIQMKNPADSEKNNAVEDRKLF GMISKKCTENDIRVMFSSFGQIEECRIL RGPDGLSRGCAFTFTTRAMAQTAIKAMH QAQTMEGCSPMVVKFADTQKDKEQKRMAQQLQQQMQQISA ASVWGNLAGLNT LGPQYLALLQQTASSGNLNTLSSLHPMGGLNAMQLQNLAALAAAASAAQNTPSGTN

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AL TTSSSPLSVLTSSAGSSPSSSSSSNSVNPIASLGALQTLAGATAGLNVGSLAGMAA
 LGGGLGSSGLSNGTG STMEALTQAYSGIQQYAAAALPTLYNQNLTTQQSIGAAGSQ
 KEGPEGANLFIYHLPQEFGDQDLLQMFMP
 FGNVVS AKVFDKQTNLSKCFGFVSYDNPVSAQA AIQSMNGFQIGMKRLKVQLKRSK
 NDSKPYTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	CELF1 CUGBP Elav-like family member 1 [Homo sapiens (human)]
Official Symbol	CELF1
Synonyms	CUGBP; NAB50; NAPOR; CUG-BP; CUGBP1; hNab50; BRUNOL2; EDEN-BP
Gene ID	10658

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mRNA Refseq [NM_006560.4](#)

Protein Refseq [NP_006551.1](#)

MIM [601074](#)

UniProt ID [Q92879](#)



Coomassie blue staining of purified CELF1 protein.

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