

## Product datasheet for TP321943M

### CUG BP1 (CELF1) (NM\_198700) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human CUG triplet repeat, RNA binding protein 1 (CUGBP1), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC221943 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNGTLDHPDQPDLDIAKMFVGVQVPRTWSEKDLRELFEQYGAVYEINVLDRSQNPPQSKGCCFVTFYTRK AALEAQNALHNMKVLPGMHHPIQMKPADSEKNNAVEDRKLFIGMISKKCTENDIRVMFSSFGQIEECRIL RGPDGLSRGCAVFTTTRAMAQTAIKAMHQAQTMEGCSSPMVVKFADTQKDKQKRMAQQQLQQMQQISA ASVWGNLAGLNTLGPQYLALLQQTASSGNLNTLSSLHPMGGLNAMQLQNLAALAAAASAAQNTPSGTNAL TTSSSPLSVLTSSAGSSPSSSSNSVNPISLALQTLAGATAGLNVGSLAGMAALNGGLGSSGLSNGTG STMEALTQAYSGIQYAAAALPTLYNQNLTTQQSIGAAGSQKEGPEGANLFYIHLPEFGDQDLLQMFMFP FGNVSAKVFIDKQTNLSKCFGVSYDNPVSAQAAIQSMNGFQIGMKRLKVQLKRSKNDKSKPY
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	51.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_941989](#)

Locus ID: 10658

UniProt ID: [Q92879](#)

RefSeq Size: 4656

Cytogenetics: 11p11.2

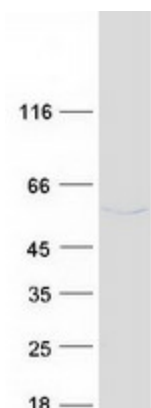
RefSeq ORF: 1449

Synonyms: BRUNOL2; CUG-BP; CUGBP; CUGBP1; EDEN-BP; hNab50; NAB50; NAPOR

**Summary:** 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 myotonia-protein kinase (DMPK) gene. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified CELF1 protein (Cat# [TP321943]). The protein was produced from HEK293T cells transfected with CELF1 cDNA clone (Cat# [RC221943]) using MegaTran 2.0 (Cat# [TT210002]).