

Product datasheet for PH321943

CUG BP1 (CELF1) (NM_198700) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CELF1 MS Standard C13 and N15-labeled recombinant protein (NP_941989)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221943
Predicted MW:	51.6 kDa
Protein Sequence:	>RC221943 protein sequence Red=Cloning site Green=Tags(s)

MNGTLDHPDQPDLDIAIKMFVGVQVPRTWSEKDLRELFEQYGAVYEINVLRDRSQNPPQSKGCCFVTFYTRK
AALEAQNALHNMKVLPGMHPIQMKNPADSEKNNAVEDRKLFIGMISKKCTENDIRVMFSSFGQIEECRIL
RGPDGLSRGCAFVTFTRAMAQTAIKAMHQAQTMEGCSSPMVVKFADTQKDKQKRMQQQLQQMQQISA
ASVWGNLAGLNTLGPQYLALLQQTASSGNLNTLSSLHPMGLNMQQLNLAALAAAASAAQNTPSGTNAL
TTSSSPLSVLTSSAGSSPSSSSNSVNPISLALQTLGATAGLVGSLAGMAALNGGLGSSGLSNGTG
STMEALTAQYSGIQQYAAAALPTLYNQNLTTQSSIGAAGSQKEGPEGANLFIYHLPQEFGDQDLLQMFMF
FGNVVSAKVFIDKQTNLSKCFGVSYDNPVSAQAAIQSMNGFQIGMKRLKVQLKRSKNDSKPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_941989</u>
RefSeq Size:	4656
RefSeq ORF:	1449
Synonyms:	BRUNOL2; CUG-BP; CUGBP; CUGBP1; EDEN-BP; hNab50; NAB50; NAPOR



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Locus ID: 10658

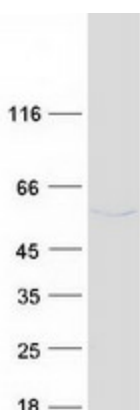
UniProt ID: [Q92879](#)

Cytogenetics: 11p11.2

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 myotonic-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]).