

Recombinant Human CELF1 293 Cell Lysate

Cat. No. CELF1-7590HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for CUG triplet repeat, RNA binding protein 1 (CUGBP1), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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-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_006560

Protein Refseq NP_006551

MIM 601074

UniProt ID Q92879

Chromosome 11p11

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Location

Pathway

Adipogenesis, organism-specific biosystem; mRNA processing, organism-specific biosystem;

Function

BRE binding; RNA binding; mRNA binding; nucleotide binding; protein binding; translation repressor activity, nucleic acid binding;

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