Recombinant Human EDC3 293 Cell Lysate

Cat. No. EDC3-6726HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for enhancer of mRNA decapping 3 homolog (S. cerevisiae) (EDC3), transcript variant 3 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.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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

GENE INFORMATION

Gene Name	EDC3 enhancer of mRNA decapping 3 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	EDC3
Synonyms	EDC3; enhancer of mRNA decapping 3 homolog (S. cerevisiae); LSM16, LSM16 homolog (EDC3, S. cerevisiae) , YJDC, yjeF domain containing (E.coli); enhancer of mRNA-decapping protein 3; FLJ21128; hYjeF_N2 15q23; YJEFN2; yjeF_N2; hYjeF_N2; hYjeF_N2-15q23; yjeF domain containing; yjeF domain-containing protein 1; LSM16 homolog (EDC3, S. cerevisiae); yjeF N-terminal domain-containing protein 2; YJDC; LSM16; FLJ31777;
Gene ID	80153
mRNA Refseq	NM_001142443
Protein Refseq	NP_001135915
MIM	609842
UniProt ID	Q96F86
Chromosome Location	15q24.1
Pathway	Deadenylation-dependent mRNA decay, organism-specific biosystem; Decapping

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	complex, organism-specific biosystem; Decapping complex, conserved biosystem; Gene Expression, organism-specific biosystem; RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem; mRNA Decay by 5 to 3 Exoribonuclease, organism-specific biosystem;
Function	RNA binding; identical protein binding; protein binding;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA