

Recombinant Human EXOSC1 293 Cell Lysate

Cat. No. EXOSC1-6505HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for exosome component 1 (EXOSC1) 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

EXOSC1 exosome component 1 [Homo sapiens]

Official Symbol

EXOSC1

Synonyms

EXOSC1; exosome component 1; exosome complex component CSL4; CGI 108; CSL4; CSL4 exosomal core protein homolog (yeast); Csl4p; hCsl4p; p13; SKI4; Ski4p; exosomal core protein CSL4; 3-5 exoribonuclease CSL4 homolog; CSL4 exosomal core protein homolog; homolog of yeast exosomal core protein CSL4; CGI-108; RP11-452K12.9;

Gene ID

51013

mRNA Refseq

NM_016046

Protein Refseq

NP_057130

MIM

606493

UniProt ID

Q9Y3B2

**Chromosome
Location**

10q24

Pathway

Activation of Genes by ATF4, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Destabilization of mRNA by Butyrate

 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

Response Factor 1 (BRF1), organism-specific biosystem; Destabilization of mRNA by KSRP, organism-specific biosystem; Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;

Function

RNA binding; NOT exoribonuclease activity; 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