Recombinant Human EXOSC1 293 Cell Lysate

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

SPECIFICATION

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.
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	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 Response Factor 1 (BRF1), organism-specific biosystem; Destabilization of mRNA by KSRP, organism-specific biosystem; Destabilization of mRNA by Tristetraprolin

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	(TTP), organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;
Function	RNA binding; NOT exoribonuclease activity; protein binding;

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