

Recombinant Human ELAVL1 293 Cell Lysate

Cat. No. ELAVL1-6637HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) (ELAVL1) 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.

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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

ELAVL1 ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R) [Homo sapiens]

Official Symbol

ELAVL1

Synonyms

ELAVL1; ELAV (embryonic lethal, abnormal vision, Drosophila)-like 1 (Hu antigen R); HUR; ELAV-like protein 1; embryonic lethal; abnormal vision; drosophila; homolog like 1; Hu antigen R; Hua; HuR; MelG; hu-antigen R; embryonic lethal, abnormal vision, drosophila, homolog-like 1; ELAV1;

Gene ID

1994

mRNA Refseq

NM_001419

Protein Refseq

NP_001410

MIM

603466

UniProt ID

Q15717

Chromosome Location

19p13.2

Pathway

Gene Expression, organism-specific biosystem; Regulation of mRNA Stability by Proteins that Bind AU-rich Elements, organism-specific biosystem; Stabilization of

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mRNA by HuR, organism-specific biosystem;

Function

AU-rich element binding; RNA binding; mRNA 3-UTR binding; mRNA binding; nucleotide binding; protein binding; protein kinase binding;

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