

Recombinant Human EWSR1 293 Cell Lysate

Cat. No. EWSR1-6514HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Ewing sarcoma breakpoint region 1 (EWSR1), transcript variant 2 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	EWSR1 Ewing sarcoma breakpoint region 1 [Homo sapiens]
Official Symbol	EWSR1
Synonyms	EWSR1; Ewing sarcoma breakpoint region 1; RNA-binding protein EWS; EWS; Ewings sarcoma EWS-Flt1 (type 1) oncogene; bK984G1.4;
Gene ID	2130
mRNA Refseq	NM_001163285
Protein Refseq	NP_001156757
MIM	133450
UniProt ID	Q01844
Chromosome Location	22q12.2
Pathway	BARD1 signaling events, organism-specific biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	RNA binding; calmodulin binding; metal ion binding; nucleic acid binding; nucleotide

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binding; protein binding; zinc ion binding;

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