Recombinant Human ZRSR2 293 Cell Lysate

Cat. No. ZRSR2-9189HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 2 (ZRSR2) 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	ZRSR2 zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 2 [Homo sapiens]
Official Symbol	ZRSR2
Synonyms	ZRSR2; zinc finger (CCCH type), RNA-binding motif and serine/arginine rich 2; U2 small nuclear RNA auxiliary factor 1 like 2 , U2(RNU2) small nuclear RNA auxiliary factor 1 like 2 , U2AF1L2; U2 small nuclear ribonucleoprotein auxiliary factor 35 kDa subunit-related protein 2; U2AF1 RS2; URP; U2AF35-related protein; renal carcinoma antigen NY-REN-20; U2(RNU2) small nuclear RNA auxiliary factor 1-like 2; U2 small nuclear ribonucleoprotein auxiliary factor, small subunit 2; CCCH type zinc finger, RNA-binding motif and serine/arginine rich protein 2; U2AF1L2; U2AF1RS2; U2AF1-RS2; MGC142014; MGC142040;
Gene ID	8233
mRNA Refseq	NM_005089
Protein Refseq	NP_005080
MIM	300028
UniProt ID	Q15696
Chromosome	Xp22.1

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Location	
Function	RNA binding; metal ion binding; nucleotide binding; pre-mRNA 3-splice site binding; protein binding; zinc ion binding;

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