Recombinant Human HNRNPM 293 Cell Lysate

Cat. No. HNRNPM-5440HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for heterogeneous nuclear ribonucleoprotein M (HNRNPM), 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	HNRNPM heterogeneous nuclear ribonucleoprotein M [Homo sapiens]
Official Symbol	HNRNPM
Synonyms	HNRNPM; heterogeneous nuclear ribonucleoprotein M; HNRPM, NAGR1; CEA receptor; CEAR; HNRNPM4; HNRPM4; HTGR1; hnRNA-binding protein M4; N-acetylglucosamine receptor 1; heterogenous nuclear ribonucleoprotein M4; HNRPM; NAGR1; hnRNP M; DKFZp547H118;
Gene ID	4670
mRNA Refseq	NM_005968
Protein Refseq	NP_005959
MIM	160994
UniProt ID	P52272
Chromosome Location	19p13.3-p13.2
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; Spliceosome, organism-specific biosystem; Spliceosome, conserved biosystem; mRNA Splicing, organism-specific

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	biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem; mRNA processing, organism-specific biosystem;
Function	RNA binding; nucleic acid binding; nucleotide binding; protein binding; protein domain specific binding;

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