Recombinant Human C9orf95 293 Cell Lysate

Cat. No. NMRK1-7918HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Source	HEK293
Description	Antigen standard for chromosome 9 open reading frame 95 (C9orf95), transcript variant 1 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	NMRK1?nicotinamide riboside kinase 1 [?Homo sapiens?(human)]
Official Symbol	NMRK1
Synonyms	NMRK1; nicotinamide riboside kinase 1; NRK1; C9orf95; bA235O14.2; nicotinamide riboside kinase 1; nicotinamide riboside kinase 1; NRK 1; RNK 1; nmR-K 1; ribosylnicotinamide kinase 1; ribosylnicotinic acid kinase 1; nicotinic acid riboside kinase 1; NP_001121075.1; EC 2.7.1.173; EC 2.7.1.173; EC 2.7.1.173
Gene ID	54981
mRNA Refseq	NM_017881
Protein Refseq	NP_060351
MIM	608704
UniProt ID	Q9NWW6
Chromosome Location	9q21.13
Pathway	NAD salvage pathway II, organism-specific biosystem; NAD salvage pathway III, organism-specific biosystem; Nicotinate and nicotinamide metabolism, organism-specific biosystem; Nicotinate and nicotinamide metabolism, conserved biosystem

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Function	ATP binding; metal ion binding; ribosylnicotinamide kinase activity

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