

Recombinant Human HNRNPF 293 Cell Lysate

Cat. No. HNRNPF-5447HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for heterogeneous nuclear ribonucleoprotein F (HNRNPF), transcript variant 3 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	HNRNPF heterogeneous nuclear ribonucleoprotein F [Homo sapiens]
Official Symbol	HNRNPF
Synonyms	HNRNPF; heterogeneous nuclear ribonucleoprotein F; HNRPF; HnRNP F protein; nucleolin-like protein mcs94-1; mcs94-1; OK/SW-cl.23; MGC110997;
Gene ID	3185
mRNA Refseq	NM_001098204
Protein Refseq	NP_001091674
MIM	601037
UniProt ID	P52597
Chromosome Location	10q11.21
Pathway	Gene Expression, organism-specific biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; mRNA Splicing, organism-specific biosystem; mRNA Splicing - Major Pathway, organism-specific biosystem;
Function	RNA binding; TBP-class protein binding; nucleotide binding; protein binding; single-

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stranded RNA binding;

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