

Recombinant Human NXF1 293 Cell Lysate

Cat. No. NXF1-3622HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for nuclear RNA export factor 1 (NXF1), 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

NXF1 nuclear RNA export factor 1 [Homo sapiens]

Official Symbol

NXF1

Synonyms

NXF1; nuclear RNA export factor 1; DKFZp667O0311; Mex67; TAP; tip associating protein; mRNA export factor TAP; tip-associated protein; tip-associating protein; MEX67;

Gene ID

10482

mRNA Refseq

NM_001081491

Protein Refseq

NP_001074960

MIM

602647

UniProt ID

Q9UBU9

**Chromosome
Location**

11q12-q13

Pathway

Gene Expression, organism-specific biosystem; Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; Processing of Capped Intron-Containing Pre-mRNA, organism-specific biosystem; RNA transport,

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organism-specific biosystem;

Function

mRNA binding; nucleocytoplasmic transporter activity; nucleotide binding; protein binding;

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