

Recombinant Human NXF3 cell lysate

Cat. No. NXF3-1238HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene is one member of a family of nuclear RNA export factor genes. Common domain features of this family are a noncanonical RNP-type RNA-binding domain (RBD), 4 leucine-rich repeats (LRRs), a nuclear transport factor 2 (NTF2)-like domain that allows heterodimerization with NTF2-related export protein-1 (NXT1), and a ubiquitin-associated domain that mediates interactions with nucleoporins. The LRRs and NTF2-like domains are required for export activity. Alternative splicing seems to be a common mechanism in this gene family. The encoded protein of this gene has shortened LRR and ubiquitin-associated domains and its RDB is unable to bind RNA. It is located in the nucleoplasm but is not associated with either the nuclear envelope or the nucleolus.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	NXF3 nuclear RNA export factor 3 [Homo sapiens]
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Official Symbol	NXF3
Synonyms	NXF3; nuclear RNA export factor 3; TAPL-3; TAP-like protein 3;
Gene ID	56000
mRNA Refseq	NM_022052
Protein Refseq	NP_071335
MIM	300316
UniProt ID	Q9H4D5
Chromosome Location	Xq22
Pathway	Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Influenza A, organism-specific biosystem; Influenza A, conserved biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Ribosome biogenesis in eukaryotes, organism-specific biosystem;
Function	mRNA binding; nucleotide binding; protein binding;