



# Recombinant Human Nuclear RNA export factor 3 (NXF3)

<b>Product Code</b>	CSB-YP016221HU
<b>Abbreviation</b>	NXF3
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9H4D5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSLPSGHTTG HTDQVVQRRRA RCWDIYQRRF SSRSEPVNPG MHSSSHQQQD GDAAMHGAHM DSPVRYTPYT ISPYNRKGSF RKQDQTHVNM EREQKPPERR MEGNMPDGTL GSWFKITVPF GIKYNEKWLL NLIQNECSVP FVPVEFHYEN MHASFFVENA SIAYALKNVS GKIWDEDNEK ISIFVNPAGI PHFVHRELKS EKVEQIKLAM NQQCDVSQEA LDIQRLPFYP DMVNRDTKMA SNPRKCMAAS LDVHEENIPT VMSAGEMDKW KGIEPGEKCA DRSPVCTTFS DTSSNINSIL ELFPKLLCLD GQQSPRATLC GTEAHKRLPT CKGSFFGSEM LKNLVLQFLQ QYYLIYDSGD RQGLLSAYHD EACFSLSIPF NPEDSAPSSF CKFFKDSRNI KILKDPYLRG ELLKHTKLDI VDSLSALPKT QHDLSSFLVD MWYQTEWMLC FSVNGVFKEV EGQSQGSVLA FTRTFIATPG SSSSLCIVND KLFVRDTS HQ GTQSALFTLV PTAFFSSVPA FSQEQQKMLP S
<b>Source</b>	Yeast
<b>Target Names</b>	NXF3
<b>Protein Names</b>	Recommended name: Nuclear RNA export factor 3 Alternative name(s): TAP-like protein 3 Short name= TAPL-3
<b>Expression Region</b>	1-531
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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