NXF3 Blocking Peptide (N-Term) Blocking Peptide

PRODUCT OVERVIEW

Product Name	NXF3, Blocking Peptide
Full Product Name	NXF3 Blocking Peptide (N-Term)
Product Gene Name	NXF3 blocking peptide
Product Synonym Gene Name	TAPL3
Product Synonym Names	Nuclear RNA export factor 3; TAP-like protein 3; TAPL-3; NXF3; TAPL3
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Specificity	The synthetic peptide sequence is selected from aa 91-104 of HUMAN NXF3
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	NXF3 peptide (MBS9230332) is used for blocking the activity of NXF3 antibody (MBS9216478)
Molecular Weight	26,653 Da
OMIM	300316
Cellular Location	Nucleus. Cytoplasm. Note: Shuttles between the nucleus and the cytoplasm
Tissue Location	Expressed at high level in testis and at low level in a small number of tissues
Related Product Information for NXF3 blocking peptide	MBS9230332 is a blocking peptide targeting NXF3. Also known as NXF3 Blocking Peptide (N-Term). May function as a tissue-specific nuclear mRNA export factor.
Other Notes	Small volumes of NXF3 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NXF3. It may not necessarily be applicable to this product.

NCBI GI #	20455187
NCBI GeneID	56000
NCBI Accession #	Q9H4D5.1
UniProt Primary Accession #	Q9H4D5
UniProt Secondary Accession #	Q5H9I1; Q9H1A9; B4DYS7
UniProt Related Accession #	Q9H4D5
NCBI Official Full Name	Nuclear RNA export factor 3
NCBI Official Synonym Full Names	nuclear RNA export factor 3
NCBI Official Symbol	NXF3
UniProt Protein Name	Nuclear RNA export factor 3
UniProt Synonym Protein Names	TAP-like protein 3; TAPL-3
Protein Family	Nuclear RNA export factor

UniProt Gene Name	NXF3
UniProt Synonym Gene Names	TAPL3; TAPL-3
UniProt Entry Name	NXF3_HUMAN
NCBI Protein Information	nuclear RNA export factor 3
NCBI Summary for NXF3	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. [provided by RefSeq, Jul 2008]
UniProt Comments for NXF3	NXF3: May function as a tissue-specific nuclear mRNA export factor. Belongs to the NXF family. Chromosomal Location of Human Ortholog: Xq22 Cellular Component: cytoplasm; nuclear RNA export factor complex; nucleoplasm; nucleus Molecular Function: protein binding Biological Process: mRNA export from nucleus; poly(A)+ mRNA export from nucleus
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