IMP4 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	IMP4, Blocking Peptide
Full Product Name	IMP4 Peptide - C-terminal region
Product Gene Name	IMP4 blocking peptide
Product Synonym Gene Name	BXDC4; MGC19606
Sequence	VELTEVGPRF ELKLYMIRLG TLEQEATADV EWRWHPYTNT ARKRVFLSTE
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	IMP4 peptide (MBS3241580) is used for blocking the activity of IMP4 antibody (MBS3216679)
Molecular Weight	34kDa
OMIM	612981
Product Categories/Family for IMP4 blocking peptide	Peptide
Applications Tested/Suitable for IMP4 blocking peptide	Western Blot (WB)
Related Product Information for IMP4 blocking peptide	This is a synthetic peptide designed for use in combination with anti-IMP4 Antibody, made Target Description: IMP4 forms a ternary complex with IMP3 and MPP10 that interacts with U3 small nucleolar RNA (snoRNA), which is required for the early cleavage steps in pre-rRNA processing.
Other Notes	Small volumes of IMP4 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.
Searchable Terms for IMP4 purchase	MBS3241580 is a blocking peptide targeting IMP4. Also known as IMP4 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IMP4. It may not necessarily be applicable to this product.

NCBI GI #	15529982
NCBI GeneID	92856
NCBI Accession #	NP_219484
UniProt Primary Accession #	Q96G21
GenBank Nucleotide #	NM_033416
UniProt Protein Name	U3 small nucleolar ribonucleoprotein protein IMP4
UniProt Synonym Protein Names	Brix domain-containing protein 4
Protein Family	U3 small nucleolar ribonucleoprotein protein

UniProt Gene Name	IMP4
UniProt Synonym Gene Names	BXDC4; U3 snoRNP protein IMP4
UniProt Entry Name	IMP4_HUMAN
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