UTP14C Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	UTP14C, Blocking Peptide
Full Product Name	UTP14C Peptide - C-terminal region
Product Gene Name	UTP14C blocking peptide
Product Synonym Gene Name	2700066J21Rik; KIAA0266; UTP14B
Sequence	EAFAGDDVIR DFLKEKREAV EASKPKDVDL TLPGWGEWGG VGLKPSAKKR
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	UTP14C peptide (MBS3242541) is used for blocking the activity of UTP14C antibody (MBS3217645)
Molecular Weight	84kDa
OMIM	608969
Product Categories/Family for UTP14C blocking peptide	Peptide
Applications Tested/Suitable for UTP14C blocking peptide	Western Blot (WB)
Related Product Information for UTP14C blocking peptide	This is a synthetic peptide designed for use in combination with anti-UTP14C Antibody, made Target Description: UTP14C is essential for spermatogenesis. It may be required specifically for ribosome biogenesis and hence protein synthesis during male meiosis
Other Notes	Small volumes of UTP14C 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 UTP14C purchase	MBS3242541 is a blocking peptide targeting UTP14C. Also known as UTP14C Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UTP14C. It may not necessarily be applicable to this product.

NCBI GI #	51871374
NCBI GeneID	9724
NCBI Accession #	NP_067677
UniProt Primary Accession #	Q5TAP6
UniProt Related Accession #	Q5TAP6
GenBank Nucleotide #	NM_021645
NCBI Official Full Name	U3 small nucleolar RNA-associated protein 14 homolog C
NCBI Official Synonym Full Names	UTP14C small subunit processome component

NCBI Official Symbol	UTP14C
NCBI Official Synonym Symbols	UTP14B; KIAA0266; 2700066J21Rik
UniProt Protein Name	U3 small nucleolar RNA-associated protein 14 homolog C
Protein Family	U3 small nucleolar RNA-associated protein
UniProt Gene Name	UTP14C
UniProt Synonym Gene Names	KIAA0266
UniProt Entry Name	UT14C_HUMAN
NCBI Protein Information	U3 small nucleolar RNA-associated protein 14 homolog C
UniProt Comments for UTP14C	UTP14C: Essential for spermatogenesis. May be required specifically for ribosome biogenesis and hence protein synthesis during male meiosis. Belongs to the UTP14 family. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 13q14.2 Cellular Component: small subunit processome; nucleolus Biological Process: meiotic cell cycle; multicellular organismal development; spermatogenesis; cell differentiation; maturation of SSU-rRNA
Research Articles on UTP14C	**1.** We hypothesize that women, whose ovaries express UTP14c, are predisposed to ovarian cancer due to the disruption of protective signals that normally trigger TP53-mediated apoptosis and the dysregulation of genes that promote oncogenesis
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