UTP25 Peptide - Middle Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	UTP25, Blocking Peptide
Full Product Name	UTP25 Peptide - middle region
Product Gene Name	UTP25 blocking peptide
Product Synonym Gene Name	DEF; DIEXF; C1orf107; DJ434O14.5; UTP25
Sequence	Synthetic peptide located within the following region: FISLLEGDSK KKIIVSNKKR FQGEYGSDPE ERPPNLKRPE DYEAVFVGNI
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	UTP25 peptide (MBS3247609) is used for blocking the activity of UTP25 antibody (MBS3222951)
Molecular Weight	83 kDa
Product Categories/Family for UTP25 blocking peptide	Peptide
Related Product Information for UTP25 blocking peptide	MBS3247609 is a blocking peptide targeting UTP25. Also known as UTP25 Peptide - middle region. Reactive in Human.
Other Notes	Small volumes of UTP25 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 UTP25. It may not necessarily be applicable to this product.

NCBI GI #	75677335
NCBI GeneID	27042
NCBI Accession #	NP_055203.4
UniProt Primary Accession #	Q68CQ4
UniProt Related Accession #	Q68CQ4
GenBank Nucleotide #	NM_014388.6
NCBI Official Full Name	digestive organ expansion factor homolog
NCBI Official Synonym Full Names	UTP25 small subunit processor component
NCBI Official Symbol	UTP25
NCBI Official Synonym Symbols	DEF; DIEXF; C1orf107; DJ434O14.5
UniProt Protein Name	Digestive organ expansion factor homolog
Protein Family	U3 small nucleolar RNA-associated protein

UniProt Gene Name	DIEXF
UniProt Synonym Gene Names	C1orf107; DEF
UniProt Entry Name	DIEXF_HUMAN
NCBI Protein Information	digestive organ expansion factor homolog
UniProt Comments for UTP25	DEF: Regulates the p53 pathway to control the expansion growth of digestive organs. Belongs to the def family. Protein type: Nucleolus Chromosomal Location of Human Ortholog: 1q32.2 Cellular Component: small subunit processome; nucleolus Molecular Function: rRNA binding Biological Process: maturation of SSU-rRNA from tricistronic rRNA transcript (SSU-rRNA, 5.8S rRNA, LSU-rRNA); multicellular organismal development
Research Articles on UTP25	**1.** DEF is highly expressed in human neuroblastoma, and its depletion in human neuroblastoma cell lines induces apoptosis.
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