TIP30 Blocking Peptide

PRODUCT OVERVIEW

Product Name	TIP30 (HTATIP2), Blocking Peptide
Full Product Name	TIP30 Blocking Peptide
Product Gene Name	HTATIP2 blocking peptide
Product Synonym Names	30 kDa HIV 1 TAT interacting protein; 30 kDa HIV-1 TAT-interacting protein; 30 kDa HIV1 TAT interacting protein; CC3; FLJ26963; HIV 1 Tat interacting protein 2 30kDa; HIV 1 Tat interacting protein 2; HIV-1 TAT-interactive protein 2; HTAI2_HUMAN; HTATIP 2;
Antibody/Peptide Pairs	HTATIP2 peptide (MBS9631732) is used for blocking the activity of HTATIP2 antibody (MBS9629349)
Molecular Weight	30,131 Da
OMIM	605628
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HTATIP2 blocking peptide	MBS9631732 is a blocking peptide targeting HTATIP2. Also known as TIP30 Blocking Peptide.
Other Notes	Small volumes of HTATIP2 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 HTATIP2. It may not necessarily be applicable to this product.

NCBI GI #	148728166
NCBI GeneID	10553
NCBI Accession #	NP_001091990.1
UniProt Primary Accession #	Q9BUP3
UniProt Secondary Accession #	O15383; O60520; O95345; Q53GC1; Q53GG2; Q6IBI3; A8K7S7; D3DQY8
UniProt Related Accession #	Q9BUP3
GenBank Nucleotide #	NM_001098520.1
NCBI Official Full Name	oxidoreductase HTATIP2 isoform a
NCBI Official Synonym Full Names	HIV-1 Tat interactive protein 2, 30kDa
NCBI Official Symbol	HTATIP2
NCBI Official Synonym Symbols	CC3; TIP30; SDR44U1
UniProt Protein Name	Oxidoreductase HTATIP2
UniProt Synonym Protein Names	30 kDa HIV-1 TAT-interacting protein; HIV-1 TAT-interactive protein 2
Protein Family	Oxidoreductase

UniProt Gene Name	HTATIP2
UniProt Entry Name	HTAI2_HUMAN
NCBI Protein Information	oxidoreductase HTATIP2; 30 kDa HIV-1 TAT-interacting protein; HIV-1 TAT-interactive protein 2; Tat-interacting protein (30kD); short chain dehydrogenase/reductase family 44U, member 1
UniProt Comments for HTATIP2	HTATIP2: Oxidoreductase required for tumor suppression. NAPDH- bound form inhibits nuclear import by competing with nuclear import substrates for binding to a subset of nuclear transport receptors. May act as a redox sensor linked to transcription through regulation of nuclear import. Isoform 1 is a metastasis suppressor with proapoptotic as well as antiangiogenic properties. Isoform 2 has an antiapoptotic effect. 3 isoforms of the human protein are produced by alternative splicing. Protein type: EC 1.1.1.-; Nuclear envelope; Transcription factor; Apoptosis; Tumor suppressor; Oxidoreductase Chromosomal Location of Human Ortholog: 11p15.1 Cellular Component: membrane; cytoplasm; nuclear envelope; nucleus Molecular Function: protein binding; transcription coactivator activity; oxidoreductase activity Biological Process: regulation of transcription from RNA polymerase II promoter; viral reproduction; apoptosis; nuclear import; angiogenesis; cell differentiation; regulation of angiogenesis; negative regulation of apoptosis
Research Articles on HTATIP2	**1.** miR-10b promotes pancreatic cancer cell proliferation and invasion by suppressing TIP30.
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