TPD52L2 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	TPD52L2, Blocking Peptide
Full Product Name	TPD52L2 Peptide - C-terminal region
Product Gene Name	TPD52L2 blocking peptide
Product Synonym Gene Name	D54; DKFZp686A1765; hD54
Sequence	EKVTQSDLYK KTQETLSQAG QKTSAALSTV GSAISRKLGD MRNSATFKSF
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	TPD52L2 peptide (MBS3240408) is used for blocking the activity of TPD52L2 antibody (MBS3215505)
Molecular Weight	22kDa
OMIM	603747
Product Categories/Family for TPD52L2 blocking peptide	Peptide
Applications Tested/Suitable for TPD52L2 blocking peptide	Western Blot (WB)
Related Product Information for TPD52L2 blocking peptide	This is a synthetic peptide designed for use in combination with anti-TPD52L2 Antibody, made Target Description: The function of this protein remains unknown.
Other Notes	Small volumes of TPD52L2 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 TPD52L2 purchase	MBS3240408 is a blocking peptide targeting TPD52L2. Also known as TPD52L2 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for TPD52L2. It may not necessarily be applicable to this product.

NCBI GI #	40805860
NCBI GeneID	7165
NCBI Accession #	NP_003279
UniProt Primary Accession #	O43399
UniProt Related Accession #	O43399
GenBank Nucleotide #	NM_003288
NCBI Official Full Name	tumor protein D54 isoform e
NCBI Official Synonym Full Names	TPD52 like 2

NCBI Official Symbol	TPD52L2
NCBI Official Synonym Symbols	D54; TPD54
UniProt Protein Name	Tumor protein D54
UniProt Synonym Protein Names	Tumor protein D52-like 2
Protein Family	Tumor protein
UniProt Gene Name	TPD52L2
UniProt Synonym Gene Names	hD54
UniProt Entry Name	TPD54_HUMAN
NCBI Protein Information	tumor protein D54
NCBI Summary for TPD52L2	This gene encodes a member of the tumor protein D52-like family. These proteins are characterized by an N-terminal coiled-coil motif that is used to form homo- and heteromeric complexes with other tumor protein D52-like proteins. Expression of this gene may be a marker for breast cancer and acute lymphoblastic leukemia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 12. [provided by RefSeq, Aug 2011]
UniProt Comments for TPD52L2	TPD52L2: a cell cycle-regulated protein maximally expressed at the G2-M transition in breast cancer cells. Two alternatively sp[liced isoforms have been reported. Protein type: Unknown function Chromosomal Location of Human Ortholog: 20q13.2-q13.3 Cellular Component: perinuclear region of cytoplasm; cytoplasm Molecular Function: protein binding; protein homodimerization activity; protein heterodimerization activity Biological Process: regulation of cell proliferation
Research Articles on TPD52L2	**1.** TPD52L2 is an important biomarker influencing glioblastoma prognosis
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