TRAK1 Blocking Peptide

PRODUCT OVERVIEW

Product Name	TRAK1, Blocking Peptide
Full Product Name	TRAK1 Blocking Peptide
Product Gene Name	TRAK1 blocking peptide
Product Synonym Names	106 kDa O GlcNAc transferase interacting protein; KIAA1042; OGT(O Glc NAc transferase) interacting protein 106 KDa; OIP106; Trafficking kinesin binding protein 1; Trafficking protein kinesin binding 1; TRAK 1
Antibody/Peptide Pairs	TRAK1 peptide (MBS9631791) is used for blocking the activity of TRAK1 antibody (MBS9629408)
Molecular Weight	63,642 Da
OMIM	608112
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 TRAK1 blocking peptide	MBS9631791 is a blocking peptide targeting TRAK1.
Other Notes	Small volumes of TRAK1 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 TRAK1. It may not necessarily be applicable to this product.

NCBI GI #	111074532
NCBI GeneID	22906
NCBI Accession #	NP_001036111.1
UniProt Primary Accession #	Q9UPV9
UniProt Secondary Accession #	Q63HR0; Q659B5; Q96B69; E9PDS2; J3KNT7
UniProt Related Accession #	Q9UPV9
GenBank Nucleotide #	NM_001042646.2
NCBI Official Full Name	trafficking kinesin-binding protein 1 isoform 1
NCBI Official Synonym Full Names	trafficking kinesin protein 1
NCBI Official Symbol	TRAK1
NCBI Official Synonym Symbols	MILT1; OIP106
UniProt Protein Name	Trafficking kinesin-binding protein 1
UniProt Synonym Protein Names	106 kDa O-GlcNAc transferase-interacting protein
Protein Family	Trafficking kinesin-binding protein
UniProt Gene Name	TRAK1

UniProt Synonym Gene Names	KIAA1042; OIP106
UniProt Entry Name	TRAK1_HUMAN
NCBI Protein Information	trafficking kinesin-binding protein 1
Research Articles on TRAK1	**1.** This study showed that the TRAK1 was prevalently localized in axons of hippocampal and cortical neurons.
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