LRRC6 Peptide - N-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	LRRC6, Blocking Peptide
Full Product Name	LRRC6 Peptide - N-terminal region
Product Gene Name	LRRC6 blocking peptide
Product Synonym Gene Name	LRTP; TSLRP
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	LRRC6 peptide (MBS3236394) is used for blocking the activity of LRRC6 antibody (MBS3211445)
Molecular Weight	51kDa
OMIM	614930
Product Categories/Family for LRRC6 blocking peptide	Peptide
Applications Tested/Suitable for LRRC6 blocking peptide	Western Blot (WB)
Related Product Information for LRRC6 blocking peptide	This is a synthetic peptide designed for use in combination with anti-LRRC6 antibody made Target Description: LRRC6 may be involved in spermatocytogenesis or prophase of meiosis.
Other Notes	Small volumes of LRRC6 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 LRRC6 purchase	MBS3236394 is a blocking peptide targeting LRRC6. Also known as LRRC6 Peptide - N-terminal region.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LRRC6. It may not necessarily be applicable to this product.

NCBI GI #	31621309
NCBI GeneID	23639
NCBI Accession #	NP_036604
UniProt Primary Accession #	Q86X45
UniProt Related Accession #	Q86X45
GenBank Nucleotide #	NM_012472
NCBI Official Full Name	protein tilB homolog isoform a
NCBI Official Synonym Full Names	leucine rich repeat containing 6
NCBI Official Symbol	LRRC6
NCBI Official Synonym Symbols	LRTP; TSLRP; CILD19
UniProt Protein Name	Protein tilB homolog

UniProt Synonym Protein Names	Leucine-rich repeat-containing protein 6; Leucine-rich testis-specific protein; Testis-specific leucine-rich repeat protein
Protein Family	Protein
UniProt Gene Name	LRRC6
UniProt Synonym Gene Names	LRTP; TSLRP
UniProt Entry Name	TILB_HUMAN
NCBI Protein Information	protein tilB homolog
NCBI Summary for LRRC6	The protein encoded by this gene contains several leucine-rich repeat domains and appears to be involved in the motility of cilia. Defects in this gene are a cause of primary ciliary dyskinesia-19 (CILD19). Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 4, 11 and 22. [provided by RefSeq, Apr 2016]
UniProt Comments for LRRC6	LRRC6: Plays a role in motility of cilia. Belongs to the tilb protein family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Unknown function Chromosomal Location of Human Ortholog: 8q24.22 Cellular Component: cytoplasm; cilium Molecular Function: protein binding Biological Process: sperm motility; male gonad development Disease: Ciliary Dyskinesia, Primary, 19
Research Articles on LRRC6	**1.** Our study not only further supported the importance of LRRC6 in Primary ciliary dyskinesia (PCD), but also expanded the spectrum of LRRC6 mutations and will contribute to the genetic diagnosis and counseling of PCD patients.
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