LRRTM3 cDNA Clone – Leucine Rich Repeat Transmembrane Neuronal 3 (Human)

PRODUCT OVERVIEW

Product Name	LRRTM3, cDNA Clone
Full Product Name	LRRTM3 cDNA Clone
Product Gene Name	LRRTM3 cdna clone
Sequence	atgggtttca atgtaattag gctactgagc ggatcagctg tagcactggt tatagccccc actgtcttac tgacaatgct ttcttctgcc gaacgaggat gccctaaggg ctgtaggtgt gaaggcaaaa tggtatattg tgaatctcag aaattacagg agataccctc aagtatatct gctggttgct taggtttgtc ccttcgctat aacagccttc aaaaacttaa gtataatcaa tttaaagggc tcaaccagct cacctggcta taccttgacc ataaccatat cagcaatatt gacgaaaatg cttttaatgg aatacgcaga ctcaaagagc tgattcttag ttccaataga atctcctatt ttcttaacaa taccttcaga cctgtgacaa atttacggaa cttggatctg tcctataatc agctgcattc tctgggatct gaacagtttc ggggcttgcg gaagctgctg agtttacatt tacggtctaa ctccctgaga accatccctg tgcgaatatt ccaagactgc cgcaacctgg aacttttgga cctgggatat aaccggatcc gaagtttagc caggaatgtc tttgctggca tgatcagact caaagaactt cacctggagc acaatcaatt ttccaagctc aacctggccc tttttccaag gttggtcagc cttcagaacc tttacttgca gtggaataaa atcagtgtca taggacagac catgtcctgg acctggagct ccttacaaag gcttgattta tcaggcaatg agatcgaagc tttcagtgga cccagtgttt tccagtgtgt cccgaatctg cagcgcctca acctggattc caacaagctc acatttattg gtcaagagat tttggattct tggatatccc tcaatgacat cagtcttgct gggaatatat gggaatgcag cagaaatatt tgctcccttg taaactggct gaaaagtttt aaaggtctaa gggagaatac aattatctgt gccagtccca aagagctgca aggagtaaat gtgatcgatg cagtgaagaa ctacagcatc tgtggcaaaa gtactacaga gaggtttgat ctggccaggg ctctcccaaa gccgacgttt aagcccaagc tccccaggcc gaagcatgag agcaaacccc ctttgccccc gacggtggga gccacagagc ccggcccaga gaccgatgct gacgccgagc acatctcttt ccataaaatc atcgcgggca gcgtggcgct tttcctgtcc gtgctcgtca tcctgctggt tatctacgtg tcatggaagc ggtaccctgc gagcatgaag cagctgcagc agcgctccct catgcgaagg cacaggaaaa agaaaagaca gtccctaaag caaatgactc ccagcaccca ggaattttat gtagattata aacccaccaa cacggagacc agcgagatgc tgctgaatgg gacgggaccc tgcacctata acaaatcggg ctccagggag tgtgagatac ctttatcaat gaatgtgtca acctttctgg catacgacca gcccacaata agttactgtg gggtgcatca tgaacttctc tcccataagt cctttgaaac gaatgcacag gaagatacga tggaaacaca cctagagact gagctggacc tgagcacaat cacaacagct ggccgaatca gtgaccataa acagcagcta gcttaa
Molecular Weight	58,267 Da
OMIM	610869
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for LRRTM3 cdna clone	MBS1276214 is a cDNA clone targeting LRRTM3.
Other Notes	Small volumes of LRRTM3 cdna clone 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 LRRTM3. It may not necessarily be applicable to this product.

NCBI GI #	109731803
NCBI GeneID	347731
NCBI Accession #	BC113715
UniProt Secondary Accession #	Q2NKX7; Q6N0A3; A8K2A3
UniProt Related Accession #	Q86VH5
NCBI Official Full Name	Homo sapiens leucine rich repeat transmembrane neuronal 3, mRNA

NCBI Official Synonym Full Names	leucine rich repeat transmembrane neuronal 3
NCBI Official Symbol	LRRTM3
UniProt Protein Name	Leucine-rich repeat transmembrane neuronal protein 3
Protein Family	Leucine-rich repeat transmembrane neuronal protein
UniProt Gene Name	LRRTM3
UniProt Entry Name	LRRT3_HUMAN
NCBI Protein Information	leucine-rich repeat transmembrane neuronal protein 3
UniProt Comments for LRRTM3	LRRTM3: May play a role in the development and maintenance of the vertebrate nervous system. Belongs to the LRRTM family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, integral; Cell development/differentiation Chromosomal Location of Human Ortholog: 10q21.3 Cellular Component: cytoplasm Molecular Function: protein kinase inhibitor activity Biological Process: cytokine and chemokine mediated signaling pathway; negative regulation of JAK-STAT cascade; negative regulation of protein kinase activity
Research Articles on LRRTM3	**1.** LRRTM3 polymorphisms may play a role in the pathogenesis of late-onset Alzheimer's disease (LOAD) in a Northern Han Chinese population.
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