

Product datasheet for **SC336903**

LRRTM4 (NM_001282924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRTM4 (NM_001282924) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRTM4
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC336903 representing NM_001282924. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGGTTTCCATTTAATTACGCAGCTGAAAGGCATGAGTGTGGTGTCTGGTCTACTTCCTACACTGCTG
CTTGTTATGCTCACGGGTGCTCAGAGAGCTTGCCCAAAGAACTGCAGATGTGATGGCAAAATTGTGTAC
TGTGAGTCTCATGCTTTCGCAGATATCCCTGAGAACATTTCTGGAGGGTCACAAGGCTTATCATTAAGG
TTCAACAGCATTGAGAAGCTCAAATCCAATCAGTTTGCCGGCCTTAACCAGCTTATATGGCTTTATCTT
GACCATAATTACATTAGCTCAGTGGATGAAGATGCATTTCAAGGGATCCGTAGACTGAAAGAATTAATT
CTAAGCTCCAACAAAATTACTTATCTGCACAATAAACATTTACCCAGTCCCAATCTCCGCAATCTG
GACCTCTCCTACAATAAGCTTCAGACATTGCAATCTGAACAATTTAAAGGCCTTCGAAACTCATCATT
TTGCATTGAGATCTAACTCACTAAAGACTGTGCCATAAGAGTTTTTCAAGACTGTGGAATCTTGAT
TTTTTGGATTGGGTTACAATCGTCTTCGAAGCTTGTCGCAATGCATTTGCTGGCCTCTTGAAGTTA
AAGGAGCTCCACCTGGAGCACAACCAAGTTTCCAAGATCAACTTGTCTCATTTTCCACGTCTCTTCAAC
CTCCGCTCAATTTACTTACAATGGAACAGGATTCGCTCCATTAGCCAAGGTTTGACATGGACTTGGAGT
TCCTTACACAACCTGGATTTATCAGGGAATGACATCCAAGGAATTGAGCCGGGCACATTTAAATGCCTC
CCCAATTTACAAAATTGAATTTGGATTCCAACAAGCTCACCAATATCTCACAGGAACTGTCAATGCG
TGGATATCATTAAATATCCATCACATTGTCTGGAATATGTGGGAATGCAGTCGGAGCATTGTCTTTA
TTTTATTGGCTTAAGAATTTCAAAGGAAATAAGGAAAGCACCATGATATGTGCGGGACCTAAGCACATC
CAGGGTGAAAAGGTTAGTGATGCAGTGGAAACATATAATATCTGTCTGAAGTCCAGGTGGTCAACACA
GAAAGATCACACCTGGTGCCCAAACCTCCCAAGAACTCTGATTATCCCTAGACCTACCATCTTCAAA
CCTGACGTCAACCAATCCACCTTTGAAACACCAAGCCCTTCCCAAGGTTTCAGATTCTTGCGCAGAG
CAAGAGTATGAGCATGTTTCATTTACAAAATTATTGCCGGGAGTGTGGCTCTCTTCTCAGTGGCC
ATGATCCTCTTGGTGATCTATGTGTCTTGAAACGCTACCCAGCCAGCATGAAACAACCTCCAGCAACAC
TCTCTTATGAAGAGGCGGCGGAAAAAGGCCAGAGAGTCTGAAAGACAAATGAATTCCTTTACAGGAG
TATTATGTGGACTACAAGCCTACAACTCTGAGACCATGGATATATCGGTTAATGGATCTGGGCCCTGC
ACATATACCATCTCTGGCTCCAGGGAATGTGAGATGCCACACCATGAAGCCCTTGCCATATTACAGC
TATGACAGCCTGTGATCGGGTACTGCCAGGCCACCAGCCACTCCATGTACCAAGGGCTATGAGACA
GTGTCTCCAGAGCAGGACGAAAGCCCGGCTGGAGCTGGGCCGAGACCAGCTTCATGCCACCATC
GCCAGGTGCGCAGCACCGGCCATCTACCTAGAGAGAATTGCAAACTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001282924



[View online »](#)

Insert Size:	1773 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001282924.1</u>
RefSeq Size:	3097 bp
RefSeq ORF:	1773 bp
Locus ID:	80059
UniProt ID:	<u>Q86VH4</u>
Cytogenetics:	2p12
Protein Families:	Transmembrane
MW:	67.2 kDa
Gene Summary:	May play a role in the development and maintenance of the vertebrate nervous system. Exhibits strong synaptogenic activity, restricted to excitatory presynaptic differentiation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (3) has an alternate splice site in the 5' UTR, compared to variant 1. Variants 1 and 3 encode the same isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.