

Product datasheet for **SC336592**

LRRTM4 (NM_001282928) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRTM4 (NM_001282928) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRTM4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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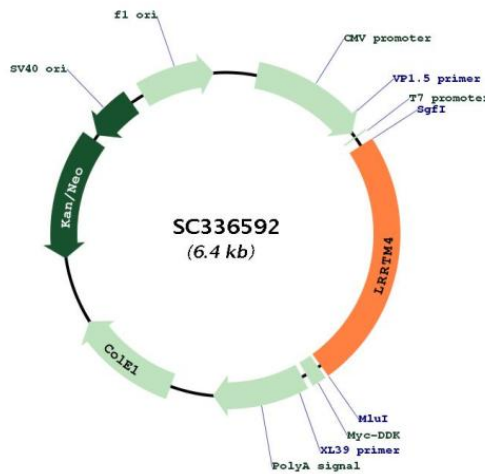
Fully Sequenced ORF: >SC336592 representing NM_001282928.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGCCAGGTTCCATTTAATTACGCAGCTGAAAGGCATGAGTGTGGTGCTGCTACTTCTACACTG
CTGCTTGTATGCTCACGGGTGCTCAGAGAGCTTGCCCAAAGAAGCTGCAGATGTGATGGCAAATTTGTG
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TGCACATATACCATCTCTGGCTCCAGGGAATGTGAGGTATGA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001282928

Insert Size:	1560 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:	<ol style="list-style-type: none">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_001282928.1</u>
RefSeq Size:	3464 bp
RefSeq ORF:	1560 bp
Locus ID:	80059
Cytogenetics:	2p12
Protein Families:	Transmembrane
MW:	59.2 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) lacks an exon in the 5' region and its transcription extends past a splice site that is used in variant 1, resulting in a novel 3' coding region and 3' UTR. It initiates translation at an alternate start codon compared to variant 1 and encodes isoform c, which distinct N- and C-termini and is shorter than 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.</p>