

Product datasheet for **SC326094**

LRRTM4 (NM_001134745) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRRTM4 (NM_001134745) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRRTM4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



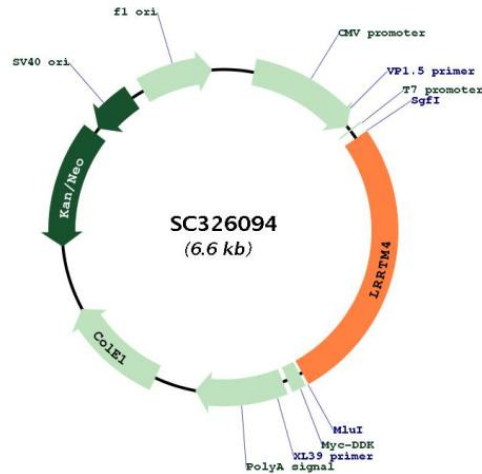
[View online »](#)

Fully Sequenced ORF: >SC326094 representing NM_001134745.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGGTTTCCATTTAATTACGCAGCTGAAAGGCATGAGTGTGGTCTGGTCTACTTCTACACTGCTG
CTTGTTATGCTCACGGGTGCTCAGAGAGCTTGCCCAAAGAAGTGCAGATGTGATGGCAAATTTGTGTAC
TGTGAGTCTCATGCTTTTCGCAGATATCCCTGAGAACATTTCTGGAGGGTACAAGGCTTATCATTAAAG
TTCAACAGCATTAGAAGCTCAAATCCAATCAGTTTGCCGGCCTTAACCAGCTTATATGGCTTTATCTT
GACCATAATTACATTAGCTCAGTGGATGAAGATGCATTTCAAGGGATCCGTAGACTGAAAGAATTAATT
CTAAGCTCCAACAAAATTAATCTGCACAATAAAACATTTACCCAGTTCCAATCTCCGCAATCTG
GACCTCTCTACAATAAGCTTCAGACATTGCAATCTGAACAATTTAAAGGCCTTCGGAAACTCATCATT
TTGCACTTGAGATCTAACTCACTAAAGACTGTGCCATAAGAGTTTTTCAAGACTGTGGAATCTTGAT
TTTTTGGATTTGGTTACAATCGTCTTCGAAGCTTGCCCGAAATGCATTTGCTGGCCTCTTGAAGTTA
AAGGAGCTCCACCTGGAGCACAACCAAGTTTCCAAGATCAACTTTGCTCATTTCACGCTCTTCAAC
CTCCGCTCAATTTACTTACAATGGAACAGGATTCGCTCCATTAGCCAAGGTTTGACATGGACTTGGAGT
TCCTTACACAACCTGGATTTATCAGGAATGACATCCAAGGAATTGAGCCGGGCACATTTAAATGCCTC
CCCAATTTACAAAAATTGAATTTGGATTCCAACAAGCTCACAATATCTCACAGGAACTGTCAATGCG
TGGATATCATTAAATCCATCACATTGTCTGGAATATGTGGGAATGCAGTCGGAGCATTGTCTTTA
TTTTATTGGCTTAAGAATTTCAAAGGAAATAAGGAAAGCACCATGATATGTGCGGGACCTAAGCACATC
CAGGGTGAAAAGGTTAGTGATGCAGTGGAAACATATAATCTGTTCTGAAGTCCAGGTGGTCAACACA
GAAAGATCACACCTGGTGCCCAAACTCCCAGAACTCTGATTATCCCTAGACCTACCATCTTCAAA
CCTGACGTCACCCAATCCACCTTTGAAACACCAAGCCCTTCCCAGGGTTTCAGATTCCTGGCGCAGAG
CAAGAGTATGAGCATGTTTCATTTACAAAATTATTGCCGGAGTGTGGCTCTCTTCTCTCAGTGGCC
ATGATCTCTTGGTGATCTATGTGTCTTGAAACGCTACCCAGCCAGCATGAAACAACCTCCAGCAACAC
TCTCTTATGAAGAGGCGGCGGAAAAAGGCCAGAGAGTCTGAAAGACAAATGAATTCCTTTACAGGAG
TATTATGTGGACTACAAGCTACAACTCTGAGACCATGGATATATCGGTTAATGGATCTGGGCCCTGC
ACATATAACCATCTCTGGCTCCAGGGAATGTGAGATGCCACACCACATGAAGCCCTTGCCATATTACAGC
TATGACCAGCCTGTGATCGGGTACTGCCAGGCCACCAGCCACTCCATGTACCAAGGGCTATGAGACA
GTGTCTCCAGAGCAGGACGAAAGCCCGCCTGGAGCTGGGCCGAGACCACAGCTTCATCGCCACCATC
GCCAGGTCCGCGCAGCACCAGCCATCTACCTAGAGAGAATTGCAAACTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
```

Restriction Sites: SgfI-MluI

Plasmid Map:


ACCN: NM_001134745

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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: [NM_001134745.1](#)

RefSeq Size: 3167 bp

RefSeq ORF: 1773 bp

Locus ID: 80059

UniProt ID: [Q86VH4](#)

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 (1) and variant 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.