

Product datasheet for **SC100099**

LRATD1 (NM_145175) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRATD1 (NM_145175) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRATD1
Synonyms:	FAM84A; NSE1; PP11517
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_145175, the custom clone sequence may differ by one or more nucleotides

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ATGGGCAACCAACTGGACCGCATCACCCACCTCAACTACAGCGAGTTGCCACAGGGGACCCGTCGGGGA
TTGAAAAGGACGAACTGCGGGTCGGGGTTGCCTACTTCTCTCGGATGATGAGGAAGACCTGGACGAAACG
CGGGCAGCCCGACAAGTTTGGCGTGAAGGCCCCCGGGTTGCACCCCTGCCCGGAGAGCCCGAGCCGC
CACCACCACCTGCTGCACCAGCTGGTCTCAACGAGACTCAGTTTTCCGCCTTTCGGGGCCAGGAAT
GCATCTTTTCAAAGTGAGCGGTGGCCCTCAGGGCGCGACCTAAGCGTCTACGCGGTACCCGCGTGCC
AGCGCTCTGCGAACC CGCGACCTGCTGGAGCTGCTGTGGCTGCAGCCCGCGCCGAGCCCGCCGCCCC
GCCCGCACTGGGCCGTCTACGTGGGCGGCGGGCAGATCATCCACCTGCACCAAGGCGAGATCCGCCAGG
ACAGCCTGTATGAGGCGGGCGCGCCAACGTGGGCGGGTGGTGAATAGCTGGTACCGCTACCGCCCGCT
GGTGGCCGAGCTGGTGGTGCAGAACGCCTGCGGCCACCTGGGCCTCAAGAGCGAGGAGATCTGCTGGACG
AACTCGGAGAGCTTCGCCGCTGGTGGCCTTTGGCAAGCGGGAGTTCAAGGCGGGAGGGGAGGTGCCGG
CAGGCACGCAGCCCCGAGCAGCAGTACTATCTCAAGGTGCACCTGGGAGAGAACAAGGTCCACACCGC
CAGGTTTACAGCCTGGAAGACCTATCCGCGAGAAGCGCCGTATCGACGCCAGCGGCCGCTGCGAGTG
CTCCAGGAGCTCGCCGACCTCGTGGACGACAAGGAGTAG
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145175 unedited NGGGAGTTCAGATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCCGCA GCCCCACGCGCAGCCCAGGACCCACTCGCCACCGCCGCTTCTCAGCACCCATGGGGACC AGGAGACTTTAAAGGAGTTTGGGGTTTCGGGAGCAGGGAAATCACGGATCCCCGCTCCTG GCCCTCGCCTCGCCACCTCATTGATGGGCAACCAACTGGACCGCATCACCCACCTCAACT ACAGCGAGTTGCCACAGGGGACCCGTCGGGGATTGAAAGGACGAACGCGGGTCCGGG TTGCCTACTTCTTCTCGGATGATGAGGAAGACCTGGACGAACGCGGGCAGCCCGACAAGT TTGGCGTGAAGGCCCCCGGGTTGCACCCCTGCCCGGAGAGCCCGCCAGCCGCCACCACC ACCACCTGCTGCACCAGCTGGTCTCAACGAGACTCAGTTTTCCGCCTTTCGGGGCCAGG AATGCATCTTTTCCAAGTGAGCGGTGGCCCTCAGGGCGCCGACCTAAGCGTCTACGCGG TCACCGCGCTGCCAGCGCTCTGCGAACC CGCGACCTGCTGGAGCTGCTGTGGCTGCAGC CCGCGCCGAGCCGCCCGCGCCCGCCCGCACTGGGCCGTCTACGTGGCGGGCGGGCAGA TCATCCACCTGCACCAAGGCGAGATCCGCCAGGACAGCCTGTATGAGGCGGGCGCGGCCA ACGTGGGCCGGGTGGTGAATAGCTGGTACCGCTACCGCCCGCTGGTGGCCGAGCTGGTGG TGCAGAACGCCTGCGGCCACCTGGGCCTCAAGACGAGGAGATCTGCTGGACGAACNCGA GAGCTTCCGCCCTGGTCCGCNNTTGCAGCGGNNAGTCAANGCGANNNGGAGTGCCCG AGCACGCAGCCCCANCA
Restriction Sites:	NotI-NotI
ACCN:	NM_145175
Insert Size:	4500 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:	NM_145175.1 , NP_660158.1
RefSeq Size:	2586 bp
RefSeq ORF:	879 bp
Locus ID:	151354
UniProt ID:	Q96KN4
Cytogenetics:	2p24.3
Gene Summary:	May play a role in cell morphology and motility.[UniProtKB/Swiss-Prot Function]