

Product datasheet for **SC106977**

LRATD2 (NM_174911) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRATD2 (NM_174911) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRATD2
Synonyms:	BCMP101; FAM84B; NSE2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC106977 sequence for NM_174911 edited (data generated by NextGen Sequencing) ATGGGCAACCAGGTGGAGAAATTGACCCACCTAAGTTACAAGGAAGTCCCACGGCCGAC CCGACTGGCGTGGACCGGGACGACGGGCCCGCATTGGGGTCTCCTACATTTTCTCCAAT GACGATGAGGACGTGGAGCCGACGCCGCGCTCAGGGGCCAGATGGCGGCGGCTTGCC GACGGTGGGACGGGCCCGCCGCCAGCCGACCCCTACGATCCGCGGCTGCACGAG GTGGAATGCTCCGTGTTCTACGGGACGAATGCATCTACCAGAAGAGCTTCGCGCCGGG TCGGCGGCGCTGAGTACCTACACGCCGAGAACCCTGCTCAACAAGTGCAAGCCGGGCGAT CTGGTGGAGTTCGTGTCGAGGCTCAGTACCCGACTGGCCGATATGTGGTAACTTC CAGGTGGTGCACCTGCACCGGCTGGAGGTGATTAACAGCTTCCTGACTGACGCCAGCCAG GGCCGTCGCGGCCGCGTGGTCAACGATCTGTACCCTACAAGCCGCTAAGCTCCAGCGCC GTGGTGCCAACGCGCTGGCGCACGTGGGTGCCAAGGAGCGCGAGCTGAGCTGGCGCAAC TCGGAGAGTTTCGCCGCTGGTGGCCGCTACGGCAAGCGCGAGTTCAAGATCGGCGGCGAG CTGCGCATCGGCAAGCAGCCCTACCGGCTGCAGATTCAGCTGTCCGGCGCAGCGCAGCCAC ACGCTCGAGTTCAGAGTCTAGAGGACCTGATCATGGAGAAGCGACGCAACGACCAGATC GGGCGCGGCGCGTGTGTCAGGAGCTCGCCACGCACCTGCACCCGGCGGAGCCGGAGGAG GGCGACAGCAACGTGGCGCGGACTACGCCGCTCCCGGGCGCCCCCTGCGCCAGCTCC GAGGAGGAGGACGGAGAGGCAGTGGCACACTGA
	Clone variation with respect to NM_174911.4
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_174911 unedited GCACGAGGGGACCTGTGCAAATGACCCTGGAGTTGGTTTCGCTTTCTCCCTTGCGGCGG TGTGAACGTGTGTCGCGAGCGTGATGGGCAACCAGGTGGAGAAATTGACCCACCTAAGTT ACAAGGAAGTTCACAGGCCGACCCGACTGGCGTGGACCGGGACGACGGGCCCGCATTG GGTCTCCTACATTTTCTCCAATGACGATNAGGACGTGGAGCCGACGCCCGCCCT
Restriction Sites:	NotI-NotI



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ACCN:	NM_174911
Insert Size:	500 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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_174911.3 , NP_777571.1
RefSeq Size:	5249 bp
RefSeq ORF:	933 bp
Locus ID:	157638
UniProt ID:	Q96KN1
Cytogenetics:	8q24.21