

Product datasheet for **RN214493**

Lrsam1 (NM_001107833) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrsam1 (NM_001107833) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrsam1
Synonyms:	RGD1564403
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214493 representing NM_001107833
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCTCTCTTTTCGGAAGCGAAACCCAGTGAGGAAGCTCGAAACGCCTGGAGTACCAGATGTGTC
 TGGCAAAAAGAAGCTGGGGCAGATGACATCCTTGACATCTCTAAGTGCAGCTTCCGAGATTCCATTGG
 GGCTTTTGCAACGTGCAAAGTTCTACAGAAAAAGGTGTTGATTGTCCACAAAACCATCTCACCTCCCTG
 CTGCCAAGTCTGCAGCCTCTTGAGCCTCGCCACCATCAAGTTCTGGATCTCCATGACAAACAGCTGA
 CAGCCCTTCTGACGATATTGGGCAGCTGACAGCCCTGCAGGTATTGAATGTAGAAAAGGAATCAACTGAC
 ACACCTCCCACGCTCTGTTGGGAACCTGCTGCAGCTCCAGACCCTCAACGTAAAAGACAACAAGTAAAG
 GAGCTCCGGACACCCTGGGGAGCTGCGGAGCCTGCGTACCCTCGACATCAGTAAAAATGAGATCCAGA
 GACTTCCCAGATGCTGGCTCATGTGCGGACCCTGGAGACGCTGAGCCTCGATGCCTTGCAATGGTCTA
 CCCCCACCAGAGGTGTGTGGCGCTGGCACTGCGGCCGTGCAGCAGTTCTCTGCAAAGAGTCAGGCCTG
 GACTATTACCCACCTTCTCAGTACTGTGCCAGTCTGGAGCAAGATGGAGCCGAGAACCTCCAGGACA
 GCCCTGATGGACCACACGCAGATTCTCCAGGGAGGAGGCTGAATGGCAGAATCGGTTCTCCGACTACGA
 GAAGCGAAAGGAGCAGAAGATGCTGGAGAAGCTGGAGTTCGAGCGGCCCTGGACCTCGGGCAGCGGGAG
 CATGCTGAGTGTCCAGCAGAGCCACAGCCACAAGGACGAGATCCTGCAGACGGTCAAGCAGGAGCAGA
 CACGGCTCGAGCAGGGCCTGAGTGAGCGCCAGCGCTGCCTGGATGCAGAACGGCAGCAGCTGCAGGAGCA
 GCTCAAGCAGTCGGAGCAGAGCATTGCCAGCCGATCCAGAGACTCCTGCAGGACAATCAGAGGCAAAAAG
 AAGAGTTCTGAGATTCTGAAATCACTGGAGAATGAGAGAATACGAATGGAGCAGCTGATGCCATTACCC
 AGGAGGAGACCGAGAACCTCAGCAGCGTGAGATCGCCGCCCATGCAGCAGATGCTGACCCGAGCTG
 TAAGAGCCGGCTCATCCAGATGGCTATGAGTCCAGAGGCAGAGCCTGGTGCAGCAGGCCTGTTCCAGC
 ATGGCTGAAATGGACAAGCGTTCCAGCAGATTCTGTCATGGCAGCAGATGGACCAGAACAAGCCATCA
 GCCAGATCCTCAGGAGAGTGTGATGCAGAAGGCTGCATTGAGGCTCTCCAGGTAAGAAAAGACCTCAC
 GCATCGGCAGATCAGGAGCCAGATTAGGCTAATAGAAACTGAGTTACTGCAGCTGACACAGCTGGAGTTA
 AAGAGGAAGTCCCTGGACACAGAGACGCTTCCAGGAGATGGTCTCAGAGCAGCGCTGGGCGCTCAGCAACC
 TGCTCCAGCAGCTCCTCAAAGAGAAGAAGCAGCGGGAAGAGGAGCTCCATGGCATCTGGCGGAATTAGA
 GGCCAAGAGTGAACGAAGCAGGAAAATTAAGGCTCATCCAGTACCAACGGCTTTTGAACCAGAAGCCT
 TTGTCCTTGAAGCTGCAGGAAGAAGCATGGAGCGGCAGCTGGTGGCCCTGCTGGTGGAGCTGTCTGCTG
 AGCACTACCTGCCCTCTTCGCCACCACCGCATCACACTGGACATGCTGAGCCGGATGGGTCTGGAGA
 TCTGGCTAAGGTGGGTGTCTCAGAAGCAGGCCTGCAACATGAAATCCTGCGAAGAGCCCGGGACCTGCTG
 GATGTGGCCAGGGTCCAACCAGAGTTGAAACCACCAAGAATGAGGTCTTTGGTGTCTCTGAGCCCCCA
 CAGCCCCCAGGAGCTTCTGAGTCCGTGAGACCATCTGCCCCGCGAGCTGAACTGGACGTGCCGACCTC
 AGAGTGTGTTGTGTGCCTGGAACGTGAGGCCAGATGGTCTTCTCACCTGCGGCCATGTCTGCTGCTGC
 CAGCAGTGTGCCAGCCGCTGCGCACCTGCCACTGTGCCCCAGGAGATCTCCAGCGCCTCCGGATCT
 ACCACAGCAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001107833
Insert Size: 2184 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_001107833.1, NP_001101303.1</u>
RefSeq Size:	4894 bp
RefSeq ORF:	2184 bp
Locus ID:	311866
Cytogenetics:	3p11