

Product datasheet for **RN202458**

Lrch1 (NM_001134727) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrch1 (NM_001134727) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrch1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202458 representing NM_001134727
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACGCCGGAAGCGAACCCTTTCGCGCCGCCCTCTCGGTAACCGCCTGCACCCGCATA
 TCCACCAGCACCACCAGCACCACGGAAGCACGGGCGAGCGGGCTTCAACCTGCCCTGAACCGTGGTTT
 GGAGCGCGCGCTAGAGGAGGCAGCAATTCTGGGGCTTGAACCTGAGCGCCAGGAAGCTGAAGGAATTT
 CCCAGGACTGCAGCCCCGGGACATGACCTCTCGGACACGGTTCAGGCAGATCTATCTAAAAACAGACTGG
 TGGAAAGTGCCAAATGGAGCTGTGCCATTTCTGATCACTGGAAATCTTAACCTGTATCACAATGTATCAG
 AGTCATTTCCCGAGGCCATTGTTAATTTGCAGATGTTGACCCACCTGAACCTGAGTCGAAATCAGCTGTCT
 GCCCTGCCCGCTGCCTGTGTGGTCTGCCTCTCAAAGTCTTAATCGCAAGCAACAACAGCTTGGATCCC
 TGCCTGAAGAGATAGGTCACTCAAACAGTTAATGGAGTTGGATGTCAGCTGCAATGAGATCACAGCCTT
 GCCCCAGCAGATAGGCCAGCTGAAGTCTCTCGGGAACCTGAATGTCCGAAGAAATTACCTTAAGGTTTTA
 CCACCAGAGCTAGTAGATCTCCCTTGGTAAAGTTTGACTTTTCTGCAACAAAGTGCTGGTGATCCCCG
 TCTGCTTTCGGGAGATGAAGCAACTGCAAGTGCTCCTCCTTGAGAACAACCCCTGCAGTCCCCGCCAGC
 TCAGATTTGCACGAAAGGAAAAGTGACATATTTAAGTACCTGAGCATACAGGCATGCCAGATAAAGACA
 GCCGACTCCCTCTACCTGCACTCCATAGAGAGGCCCATTCACACCAGCAGTGGAGACAGTAAGAAGG
 ACTCTGACTCGGGGGTTGGAAGTGATAATGGAGATAAGCGTTATCTGCCACTGAGCCCTCTGATGAGGA
 CACGGTTAGCCTCAACGTGCCATGTGCAACATCGCAGAGGAAGACCAGACCACCAAGGAGGATGCGTGC
 CATCGACTCGCCCCCGCTGAAGGAGACTTTCAGCCGACACCTTCCCTTTTGGGTGACAGTGGCAGCTCAG
 GACAAGAAAGAGAGCAGTTTGTGGCCGTGCAGATGTTCTACACTGCGAACTTATGAACTATATTAAGGA
 CCAGGCAGAAGACTGTGAAGAGCTATTACGGATAGAAGAGGATGCTCACTGGCAGACGGAAGAACTACTA
 AATTCATCCAAAGACCAGGATTTGGATATAGTGATGATCGAGCAGCTGAGAGAGGCAGAAGATTTGCTGC
 AGGGTCCCAACGGTCTAACCACGGACATTACAGAGAGAAGTATTTGAATCTGTACCCCATGTGCTCAGC
 AGAAGCCTTAGAATTCCTGATTCTTCACTCAATGGTCAGTTGCAGCTCGAGAGGTCTCCAGAGCGTGAG
 GTGCAAAATGATGAACGTTACAGAGTAATGGAAGCCAGTGTCTCCAAATGAGATAAGAGAGGACTCCC
 CTTTCAGGGTCTCCCACTGCAACATCACAGCTCCATTTGGCCTGAAGCCTCGTTCACTGTTTCTAAGACC
 TCAGAGAACTTGAATCTATAGACCCGAGTTTACGATTCGGAGGAAGATGGAGCAGATGAGAGAGGAG
 AAGGAGCTGGTGGAGCAGCTCCGTGAGAGCATCGAGATGAGGTTGAAGGTGACCTCGATGAAGACCTGG
 GGGCAGCACTCATGGATGGCGTAGTGCTGTGCCACCTGGCCAACCACGTCCGACCGAGATCTGTGCCAG
 CATCCACGTCCCCTCACCTGCCGTTCCCAAACCTCAGCATGGCCAAGTGCCGGAGGAATGTGGAAAACCTC
 CTGGAAGCGTGCAGAAAACCTGGCGTTCGCCAGGAAAAGCTCTGTCTGCCTCATCACATCCTTGAAGAGA
 AAGGCTGGTCAAAGTGGCATGACTGTTCAAGCGCTGTTGGACGTCACCGTCACAAAAGCTCTGTTTCA
ATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001134727

Insert Size: 2034 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:

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_001134727.1, NP_001128199.1

RefSeq Size: 3171 bp

RefSeq ORF: 2034 bp

Locus ID: 502020

Cytogenetics: 15q11