

Product datasheet for **RN205242**

Lrch4 (NM_001127551) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrch4 (NM_001127551) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrch4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205242 representing NM_001127551
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGGCGCGGTAGCGGGCCCACTCGCCCGGGAGTGAGGAAGCTGCAGCTTCACTCTCCGTGCCAG
 GGTCTCCTGGTCTGCCCCGGGAGCCGTAGCGCAGAACGAGCCCTAGAGGAAGCTGTGGCCACCGGGACCCCT
 GAACCTGTCCAACCGGCGTTTGAAGCACTTCCCCCGGGCGCGGCCCGCAGTTACGACCTGTCAGACATC
 ACCCAGGCTGACTTGTCTCGAACCAGTTTCCCGAGGTGCCTGAGGCAGCTTGCCAGCTGGTGTCCCTGG
 AAGGCTGAGCCTCTACCACAATTGCTGAGATGTCTGAACCCAGCCTTGGGGAATCTCAGAGCCCTCAC
 CTACCTCAATCTCAGCCGAACAGCTGTATCATTGCCACCCTACATCTGCCAGCTGCCCTTCGAGTG
 CTTATCATCAGCAACAAGTTAGGAGCCCTGCCTCCAGACATCAGCACCTTAGGAAGCCTGCGGCAGC
 TTGATGTGAGCAGCAATGAGCTGAGTCCCTCCCGTGGAGCTGTGTAGCCTCCGTTCCCTGCGGGATCT
 CAATGTTCAAGGAACAGCTCAGTACCCTGCCTGATGAGCTGGGGGACCTTCCTCTGGTCCGCCTGGAT
 TTCTCCTGTAACCGTGTTTCCCGAATCCAGTCTCCTTCTGCCGCTCAGGCACCTGCAGGTCATTCTGC
 TGGATAGCAACCCCTTCAGAGTCCCCCTGCCAGATATGCCTGAAGGGGAAGCTTCACATCTTCAAGTA
 CTTAACAATGGAAGCTGGCCGTCGGGGAGCTGCCTCGGGGACCTGGTCCCTTCCCGCCCCCAAGTTTT
 AGTCCCTGCCCTGCTGAAGATTTATTTCCGGGAGCTCGTTATGATGGTGGCTGGACTCAGGCTTCCATA
 GTGTTGACAGTGGCAGCAAGAGGTGGTCAGGAAATGAGTCCACAGATGATTTTTCAGAGCTGTCTTCCG
 GATCTCAGAGCTGGCCCCGGGAGCCCCGGGGGCTAGACAACTAGGGAAGATGGCTCTGGTATGGAGAC
 TTGGAACAGATTGACTTTATTGACAGTCACGTTCTGGGGATGACGAGCAGAGTGCAGCTGAGGTTAGGA
 CCCAGGAGCCGCTGCCTTCTGAGTTAAGCCTTGACAGCTGGGGATATGGAGAGGCCATCTAGCAGCAGGCG
 GGAGGAGCCTGCAGGGGAGGAGAGGGCGGCCAGACACTTTGCACTTATGGCAGGAGCGGGAGCGGCGG
 CTACAGCAACAGAGTGGGGCTGGGGGCTCCAAAGAAAGACAGCATCCCAAAGCGGGGGATCAGGGCTA
 CTGGGGCAGGTGCCTCGGCCCATCCACACAGACCGCCTGCAATGGCCACCAAAGTCCAGTGTGCCCA
 ACTGGGAGTTTCAAGGGAGCAGGGAGCTCCACACTACCCTCCACCTCCAGGACCCCTTCTGTATCT
 GGACCACTGACAGCTCCTGTTCCAGGCCACTGGGCTCCATTGAGAGCCAAACAGCTTCTCTTCCGCT
 CCTCTTCTCAGAGTGGCTCAAGCCCTTCATCTCCAGAGTCTGTTTGGAGCCTCGGCCGTTTCTCAGAT
 TCTAGAGGAGAAGGAGCTAATATCAAACTCCGCCAGATCCTAGAGTACGGCTGCAGCAACCCCTACCT
 GAGGACCTGGCAGAGGCTCTCGCAACGGGGTATCCTCTGCCAGCTGGCGAACCAGCTTCGACCCGCT
 CTGTGCCCTTCATTCATGTGCCCTCACCTGCTGTGCCAAAGCTCAGTGCCTCAAGTCTCGGAAGAACGT
 AGAGAATTTCTTAGAGGCTGTGCGAAATGGGTGTGCCAGAGGCTGACCTGTGCTCGCCCTCGGATCTC
 CTCCGGGGCACC GCCCAGGGGCTGCAGACCATCCTGGAGGCTGTGATCCTGGCTGGGGGCAAGGCCCTG
 TCCAGTCCAGCCCCCTCTGGTCTGGTGGCTTCTCTCTTCTACGTGGTCTCCATGCTGCTGCTCTA
 TGTGCTTACACTCGGCTCCTGGGCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001127551

Insert Size: 2061 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_001127551.1, NP_001121023.1

RefSeq Size: 3074 bp

RefSeq ORF: 2061 bp

Locus ID: 360779

Cytogenetics: 12q12