

Product datasheet for **SC337105**

LRCH4 (NM_001289934) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRCH4 (NM_001289934) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRCH4
Synonyms:	LRN; LRRN1; LRRN4; PP14183
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC337105 representing NM_001289934.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGATCGCC
ATGGCGGCGGCCGTAGCGGCTCCACTCGCCGCCGGGGTGAGGAGCGGCAGCCACGACCTCCGTGCCC
GGGTCTCCAGGTCTGCCGGGAGACGAGTGCAGAGCGGGCCCTAGAGGAGGCCGTGGCCACCGGACC
CTGAACCTGTCTAACCGCGCTTGAAGCACTTCCCCGGGGCGCGGCCGTAGCTACGACCTGTCAGAC
ATCACCCAGGCTGACCTGTCCCGAACCAGTTTCCCGAGGTGCCGAGGCGGCGTGCCAGCTGGTGTC
CTGGAGGGCCTGAGCCTTACCACAATTGCCTGAGATGCCTGAACCCAGCCTTGGGAATCTCACAGCC
CTCACCTACCTCAACCTCAGCCGAAACCAGCTGTGCTGCTGCCACCCTACATCTGCCAGCTGCCCTG
AGGGTCTCATCGTCAGCAACAACAAGCTGGGAGCCCTGCCCCCTGACATCGGCACCCTGGGAAGCTG
CGACAGCTTGACGTGAGCAGCAACGAGCTCCAATCCCTGCCCTCGGAAGTGTGTGGCCTCTCTCCCTG
CGGGACCTCAATGTCCGGAGGAACAGCTCAGTACGCTGCCGAAGAGCTGGGGACCTCCCTCTGGTC
CGCCTGGATTTCTCTGTAACCGCGTCTCCGAATCCAGTCTCCTTCTGCCGCTGAGGCACCTGCAG
GTCAATTCTGCTGGACAGCAACCTCTGCAGAGTCCACCTGCCAGGTCTGCCTGAAGGGGAACTTCAC
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CCCCGAGTTTCACTCCCTGCCCTGCAGAGGATCTATTTCCGGGACATCGGTACGATGGTGGGCTGGAC
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CAGCTACGGCCGCGCTCCGTGCCCTTCATCCATGTGCCCTCCCCTGCTGTGCCAAACTCAGTGCCTC
AAGGCTCGGAAGAATGTGGAGAGTTTCTAGAAGCCTGTGCAAAAATGGGGGTGCCTGAGGAGTCACTG
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GTCCACGCCCTGCTGGACCGGCCTTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001289934

Insert Size: 1959 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:	<u>NM_001289934.1</u>
RefSeq Size:	2307 bp
RefSeq ORF:	1959 bp
Locus ID:	4034
UniProt ID:	<u>O75427</u>
Cytogenetics:	7q22.1
Protein Families:	Druggable Genome, Transmembrane
MW:	70.2 kDa
Gene Summary:	This gene encodes a protein that contains leucine-rich repeats (LRR) at its amino terminus and that is known to be involved in ligand binding. The carboxyl terminus may act as a membrane anchor. Identified structural elements suggest that the encoded protein resembles a receptor. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) uses an alternate splice site in the 3' coding region compared to variant 1. The resulting protein (isoform 2) is shorter and has a distinct C-terminus compared to isoform 1.