

Product datasheet for **SC318245**

LRCH2 (NM_020871) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LRCH2 (NM_020871) Human Untagged Clone
Tag:	Tag Free
Symbol:	LRCH2
Synonyms:	dA204F4.4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318245 representing NM_020871.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGAGTCAGGGAGGAGCGGTAAACAGTGGGGCGGCGGTGTGGTGGAGGTGGAAGTAGCGGT
GGCTGTGGCAGCGCTGGAGGGGAGGTGGCGGGGCTGGAGGGGAGGCGGCGGCGGCGGACCTG
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GCAGATCTTCCAGAAATCGTTTACAGAAATTCCTTCTGATGTCTGTTATTTGCACCCCTTGAACA
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TCTCAGCTTTCTGTGGCTTAA
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI

ACCN: NM_020871

Insert Size: 2298 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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_020871.3
RefSeq Size:	4941 bp
RefSeq ORF:	2298 bp
Locus ID:	57631
UniProt ID:	Q5VUJ6
Cytogenetics:	Xq23
MW:	84.6 kDa
Gene Summary:	This gene encodes a member of the leucine-rich repeat and calponin homology domain-containing protein family. These family members contain multiple N-terminal leucine-rich repeats, in addition to a C-terminal calponin homology domain, a type of domain that mediates interactions with actin filaments. These proteins are conserved across animal species, and studies of a similar Drosophila protein indicate a function as a cytoskeletal scaffolding protein. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2011] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).