

Product datasheet for **MC223387**

Lrig2 (NM_001025067) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrig2 (NM_001025067) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrig2
Synonyms:	4632419I10Rik; BB096938; LIG-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223387 representing NM_001025067 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCGGCCGCGCCCGCGGCATCTGGGAGCAGCGGCGCCTGGGCTGTGGTTGGGACCCCTCGCACGGT
TGCTCATCCTTGCGCAGGCGCTGCGGCTGCTGCCCGTGGCCGAGCCGGCCTGTGCCCGCGCCCTGCGC
CTGCCGTCTTCTCTGCTGGACTGCAGTCGAGGAAGCTGCCCGCGCCAGCTGGAGGGCACTGTCGGGC
CCGCTGCCCTCCGACATCTCCAGCCTGGATTTGAGTCATAACCGGTTGTCTAACTGGAACAACACCTTGG
AATCACAACATTACAAGAAGTGAATGAATTACAATGAGCTAACAGAGATACCATATTTTGGAGAACC
AACACCTAATATTACTCTACTTTTATTGGTGCATAATTTAATCCAGAAATAAATGCAGAAGCATTTCGAG
CTTTATTCTGCTCTTGAGAGTTTAGACCTCAGTTCCAATATAATATCAGAAATCAAGACATCTTCATTTT
CTCGAATGCTCACTGAAATACCTGAATTTGAGCAATAATAGGATAAGCACCTTGGAGGCTGGCTGCTTTGA
CACTTATCAGATTCTTTATTAGTGGTAAACTGAACCGAACCAGATTAGCATGATTCCACCCAAGGTC
TTCAAGCTGCCTCATCTCCAGTTCTTGGAACTGAAAAGAACAGGATTAAATTTGAGAAGGCTTACCT
TCCAAGGCTTGATTCTTTACGCTCATTGAAAATGCAGCGAATGGAATTAGCAAACCAAGATGGAGC
ATTTTTTGGCTTGAATAATATGGAAGAATTAGAACTGGAACATAATAACCTTACAGGAGTGAACAAGGGG
TGGCTATATGGCTTGCAGATGTTACAGCAACTGTATATGAGCCAGAATGCTATTGAAAAAATCAGCCCCG
ATGCATGGGAGTTCTGCCAGAGACTGTCTGAACCTGGATTGTCTTATAACAGCTGACCCGCTTGATGA
ATCTGCCTTTGTGGGTCTGAGCTTACTGGAGAGATTGAATTTAGGGGACAATAGAGTCACTCACATTGCT
GATGGTGTATTTAGGTTTCTTTCCAATCTTCAGACATTAGATTTGAGAAACAATGACATTTTCATGGGCCA
TAGAAGATGCTAGCGAAGCCTTTTCTGGACTCAAAAGTCTCACTAAGTTAATCTTGCAAGGAAACCGGAT
TAAGTCAGTTACACAGAAAGCATTCAATGGCCTTGAGTCCCTTGAGTATCTAGATTTGAACAACAATGCT
ATAATGTCTATCCAAGAAATGCTTTTCTCAGACTCACTTAAAGGGACTTGTCTGAACACAAGCAGTT
TGCTCTGCGATTGTCATTTGAAGTGGTTACTTCAGTGGCTGGTGGATAACAATTTCCATCATTCTGTGAA
TGTAAGCTGTGCACATCCTGAATGGTTAGCGGGCAAAGCATCTGAATGTGGACCTGAAAGATTTGTG



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TGTGATGATTTTCTGAAGCCTCAGATAAGGACACACCCTGAAAGCACAATTGCATTAAGAGGTGTTAATG
 TGACACTGACGTGCACTGCACTGAGCAGCAGCGATTACCCCATGTCCACCATATGGCGCAAGGACAGTGA
 GATCCTGTATGATGTGGATATTGAGAATTTTGTTCGTTATCGGCAGCAGGATGGAGAAGCTCTAGAATAT
 ACTAGTGTCTTGGCCTCTTCAGTGTGAAGTTCACAGATGAAGGGAAATACCAAGTGCATTGTTACTAATC
 ACTTTGGTCTAATTATCTCAGAAAGCCAAATTGACTGTAATGAGATGCCGTCTTTTTGAAAACCTCC
 AATGGATCTAACTATTCGCACTGGTGCCATGGCAAGATTAGAATGTGCTGCAGAGGGGCACCCTACACCT
 CAGATTTCTGGCAGAAGGATGGTGGCACTGATTTTCTGCAGCCCGAGAAAGACGCATGCATGTCATGC
 CTGAGGATGATGCTTCTTCATTGCCAATGTGAAGATAGAAGATATGGGAATCTATAGCTGCATGGCACA
 GAATATAGCAGGAGGCCTCTCAGCAAACGCCTCACTCACAGTGTTAGAGACACCCTCGTTTATTAGGCCT
 CTGGAGGACAAGACCGTCACCCGAGGTGAGACAGCGGTATTGCAGTGCATCGCTGGAGGAAGTCTGCTC
 CTCGCCTCAATTGGACCAAGGATGATGGGCCACTCCTAGTAACAGAACGACACTTCTTGTGCAGCCAA
 TCAGCTTCTCATCTAGATGCTGGCTAGAAGATGCTGAAAATATACCTGCCTTATGTCTAACACT
 CTTGGGACAGAACGGGACATATTTACTTAAATGTCATTTTATCCCAATTGTGACTCTTCTCAGAGTA
 GCATTGGGCATGAGGATGATGGTTGGACCACAGTTGGCATTGTCATCTTGTGGTCTGCTGTGTCGT
 GGGCACATCTTTGATCTGGGTCTTGTCTTTACCACATGAGAAGGAAAAATGAAGACTACAGCATCACA
 AACACAGAGGAGCTTAATTTGCCTGCAGACATTCCAGCTATTTGTCTTACAAGGAACATTGTCTGAAC
 CACAGGAAGGCTACAGCAACTCTGAGGCAGGCAGCCATCAGCAACTTATGCCTCTGCCAACGGGTACAC
 ACACAGAGGCACTGACGGTGGCGCTGGTACCCGGGTGATCTGTTGAGATTGTTACGACAATGCCAACATC
 TACTCGAGGACCAGAGAGTACTGTCATATACCTATATTGCTGAGGAGGATGTGTTAGATCAGGCACTCT
 CCAGCCTCATGGTCCAGATGCCAAGGAGAGCTTTTGTACATCCTCCCAAGATGCTGCTAATCTGGA
 GAGTCTGATACCATCAGCAGAGAGAGAGCCGGCTGCTTTCCCAACCATGAGAGGATGACTGAGAAC
 CTTCCCTTCTCAGAGGAGCAGTGAAATATTTAGCGGCCTCTTGGACATGAACAGAGAAGTGGGCC
 TACTTCCCTTCTCCAGCAGCCTGTCTTGAGTACCAGAGCTGACAGAGAGGGATCCAAATTGCTCTTC
 ACCTGTGACTTGCCGAGGTTACATGACCATGCTTTTGATTTTAGTAGGACTCGGATCATTCAAGATGGT
 ACTGAGGGCACATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001025067
Insert Size:	3165 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001025067.2](#), [NP_001020238.1](#)

RefSeq Size: 7196 bp

RefSeq ORF: 3165 bp

Locus ID: 269473

UniProt ID: [Q52KR2](#)

Cytogenetics: 3 F2.2