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Product datasheet for MC223505

Lrig1 (NM_008377) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrig1 (NM_008377) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrig1
Synonyms:	D6Bwg0781e; Img; LIG-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223505 representing NM_008377 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCGCGGCCCGGTCCGGGAGTGCTCGGAGCCCCGCGCCTTGCGCCTCGCCTTCTGCTCTGGCTGCTCT TGCTGCTACTGCAATGGCCGGAGTCAGCGGGCGCCCAGGCTGGCCCGCGGGCCCCCTGCGCGGCCGCCTG CACTTGCGCCCGGGGACTCGCTGGACTGCAGTGGGCGCGGGCTGGCGACGCTGCCCCGGGACCTGCCCTCC TGGACGCGCAGCCTAAACCTGAGTTATAACAGACTCTCCGAGATCGACTCTGCTGCTTTTGAGGACTTGA CGAATCTGCAGGAAGTGTACCTCAACAGCAATGAGCTGACAGCCATACCATCACTGGGCGCTGCTTCCAT AGGAGTTGTCTCTCTCTTTTTGCAGCACAACAAGATCCTTAGTGTGGATGGGAGCCAGCTGAAGTCGTAC CTGTCCTTGGAAGTGCTGGATCTGAGTTCCAACAACATCACGGAAATTCGGAGCTCCTGTTTCCCGAACG GCCTGCGTATAAGGGAACTCAACTTGGCGAGCAACCGCATCAGCATCCTGGAGTCTGGAGCATTTGATGG TCTGTCGCGGTCACTGCTGACTCTCCGTCTGAGCAAAAACAGGATCACCCAGCTTCCTGTGAAAGCGTTC AAGCTACCCAGGCTGACACAACTAGACCTGAATCGGAATCGGATTCGGCTGATTGAAGGCCTCACGTTCC AGGGGCTCGACAGCTTAGAGGTGCTGAGGCTTCAGAGGAACAACATCAGCAGGCTGACGGACGGGGCCTT CTGGGGGCTGTCTAAGATGCACGTGCTGCACCTGGAGTACAACAGTCTGGTGGAAGTGAACAGTGGCTCC CTCTATGGCCTCACAGCCCTGCACCAGCTGCACCTCAGCAACAACTCCATCTCTCGAATTCAGCGTGATG GCTGGAGCTTCTGCCAAAAGCTGCATGAGTTGATTCTGTCCTTCAACAACCTCACGCGGCTGGATGAGGA GAGTCTAGCGGAGTTGAGCAGCCTCAGTATCCTGCGCCTCAGTCACAACGCCATCAGTCACATTGCTGAA GGCGCCTTCAAGGGACTCAAGAGTCTGCGGGTCTTGGACCTGGACCATAACGAGATCTCGGGTACAATCG AGGATACCAGTGGTGCCTTTACGGGGCTTGACAACCTCAGCAAGCTGACTCTGTTTGGAAACAAGATCAA ATCTGTGGCTAAGAGAGCCTTCTCGGGCCTGGAAAGCCTGGAACACCTGAACCTTGGAGAGAATGCAATC AGGTCTGTCCAGTTTGATGCCTTTGCAAAGATGAAGAACCTTAAAGAGCTCTACATCAGCAGTGAGAGCT TCCTGTGTGACTGCCAGCTCAAGTGGCTGCCCCCATGGCTAATGGGTAGGATGCTGCAGGCCTTTGTGAC AGCCACCTGTGCCCATCCAGAGTCGCTGAAGGGCCAGAGCATTTTCTCAGTGCTGCCAGACAGCTTTGTG TGTGATGACTTTCCAAAGCCACAGATCATCACCCAGCCTGAGACGACCATGGCTGTGGTGGGCAAGGACA

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TCCGTTTCACATGCTCCGCAGCCAGCAGCAGCAGCTCACCAATGACCTTCGCCTGGAAGAAGGACAATGA
GGTCCTGGCCAATGCAGACATGGAGAACTTTGCCCACGTCCGTGCACAGGACGGCGAAGTGATGGAGTAT
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CCAAGAGCTCAGGCAGCATGACCGGGAATATTCTCCACACCATCCTTACAGTGGGACTGCGGATGGGTCT
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CGGCGTCTGCAGATGGGAACGGAGATTCCTCTTGGACTTTAGCAAAGTTACATGAAGCAGACTGCATAGA
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CAGCACTTGCTTGTTTCCAATGGCCACCTCCCCAAGGCCTGTGACTCCAGCCCTGAATCTGTGCCACTGA
AAGGGCAGATCACTGGGAAACGGAGGGGACCACTGCTATTGGCACCGAGAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008377

Insert Size: 3276 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

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_008377.2, NP_032403.2
RefSeq Size:	4966 bp
RefSeq ORF:	3276 bp
Locus ID:	16206
UniProt ID:	P70193
Cytogenetics:	6 43.15 cM
Gene Summary:	Acts as a feedback negative regulator of signaling by receptor tyrosine kinases, through a mechanism that involves enhancement of receptor ubiquitination and accelerated intracellular degradation.[UniProtKB/Swiss-Prot Function]