

Product datasheet for MC205257

Lrig3 (NM_177152) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lrig3 (NM_177152) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lrig3
Synonyms: 9030421L11Rik; 9130004I02Rik; 9430095K15Rik; mKIAA3016
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >BC065142

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CGTTCTCGGACGCCGCTCGGGCTGCCTTACCCTGGCTGCCGGTCTCCGCTGCTGGCTCTCCCGCTGTG
CAGGGGCATGCGAGGCCCTCAGTGCGGGACTGAGCCACCAGGACGAGGCGGCGATCGGCGTGTCCA
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Restriction Sites:

Ascl-NotI

ACCN:

NM_177152

Insert Size:

3354 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:
[BC065142](#), [AAH65142](#)
RefSeq Size:

3707 bp

RefSeq ORF: 3354 bp

Locus ID: 320398

UniProt ID: [Q6P1C6](#)

Cytogenetics: 10 D3

Gene Summary: Plays a role in craniofacial and inner ear morphogenesis during embryonic development. Acts within the otic vesicle epithelium to control formation of the lateral semicircular canal in the inner ear, possibly by restricting the expression of NTN1.[UniProtKB/Swiss-Prot Function]