

## Product datasheet for RC219350

### LRIG3 (NM\_153377) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	LRIG3 (NM_153377) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	LRIG3
Synonyms:	LIG3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC219350 representing NM_153377 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGCGCGCCGAGCCTCCGTGCGCGCGCCGCGGGTTGGGGCTGCTGCTGTGCGCGGTGCTGGGGCGCG  
CTGGCCGGTCCGACAGCGCGGTGCGGGGAACCTCGGGCAGCCCTCTGGGGTAGCCGCGAGCGCCCATG  
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CCACTCCCGTCTGGGTGCTCGGCTGGACTTAAGTCAACAACAGATTATCTTTCATCAAGGCAAGTTCCA  
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CTGAAAGAGTTTCACTCCCTGAACTTTGGACCTTAGCAGCAACAATATTTTCAGAGCTCCAACACTGCAT  
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TTTGTGTGATGATTTTCCAAACCCAGATCACGGTTCAGCCAGAAACACAGTCGGCAATAAAAGGT  
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 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC219350 representing NM\_153377  
 Red=Cloning site Green=Tags(s)

MSAPSLRARAAGLGLLLCAVLGRAGRSDSGRGELGQPSGVAERPCPTTCRCLGDLLDCSRKRLARLPE  
 PLPSWVARLDL SHNRLSFIKASSMSHLQSLREVKLNNNELETIPNLGPVSANITLLSLAGNRIVEILPEH  
 LKEFQSLETLDLSSNNISELQTAFPALQLKYL YLNSNRVTSMEPGYFDNLANTLLVLKLNRRNISAIPPK  
 MFKLPQLQHL ELNRNLIKNDVGLTFQGLGALKSLKMRNGVTKLMDFWGLSNMEILQLDHNLLTEITK  
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 ADCAFRGLSSLKTLDLKNEISWTIEDMNGAFSGLDKLRRILIQNRIRSIKKAFTGLDALEHLSDN  
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 APQIAWQKDGDTDFPAARERRMHVMPEDDVFFIVDVKIEDIGVYSCTAQNSAGSISANATLVLETPSFL  
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UniProt ID: [Q6UXM1](#)

Cytogenetics: 12q14.1

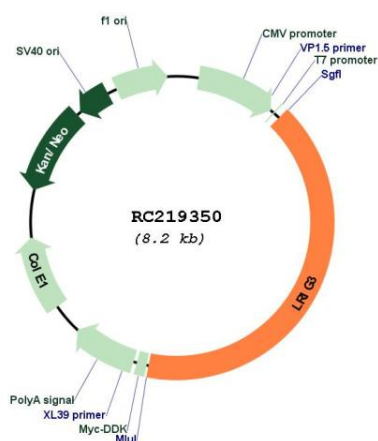
Domains: LRRCT, ig

Protein Families: Transmembrane

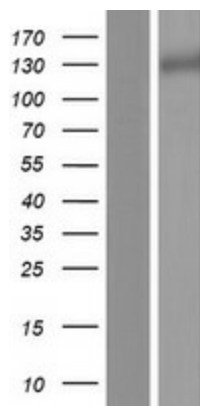
MW: 123.3 kDa

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

### Product images:



Circular map for RC219350



Western blot validation of overexpression lysate (Cat# [LY407088]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC219350 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).