

Product datasheet for **RN207233**

Lrrfip2 (NM_001024761) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrfip2 (NM_001024761) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lrrfip2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207233 representing NM_001024761 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGACTCCTGGTCTTGAAGGAAAAGAACACCAGTGAAAGATCGATTTCTGCAGAAGATGAAGCTT
TGAGTAACATCGCCAGAGAGGCTGAAGCAAGGCTAGCAGCAAAGCGGGCCCGCCAGGGCAGAAGCAAGAGA
CATCCGCATGAGGGAACCTGGAACGACAGCAGAGAGAGAGTTTCATCGAAGGATATTACTGGAACACACTGG
AGCAGGCCAGTACGCCAAGAGGAGAGACATGATGTATGATTCATCAAGGACAGATCATCAAGAGTTT
CATCATTATTGGATGAAAAATCTGACAAACAGTATGCTGAAAATTACACAAGACCCTCATCTCGAAATTC
TGCGTCAGCAACAACACCTCTAAGCGGAAACTCATCCAGACGGGTAGTGGGGACACCAGTAGTTTAATA
GACCCAGACACCTCGTTAAGTGAAGTGCAGGAGTCTTTGTCTGAAGTAGAAGAGAAGTACAAGAAAGCCA
TGGTGTCCAATGCACAACCTAGACAACGAGAAGAACAATCTGATCTACCAGGTGGACACCCTCAAGGACGT
CATCGAGGAGCAGGAGGAGCAGATGGCAGAGTTCTATAGAGAAAACGAAGAGAAATCAAAGGAGTTGGAA
CGGCAGAAACATATGTGCAGTGTGCTGCAGCATAAGATGGATGAACTGAAAGAGGGCCTTCGGCAGAGGG
ACGAGCTCATCGAGAAGCACGGCTTAGTTATAATCCCAGAGAGTACTCCCAATGGCGACGTCAATCATGA
GCCTGTGGTTGGAGCCATTACTGCTGTGCTCAGGAAGCTGCTCAGGTCTTGGAGTCAGCAGGAGAAGGG
CCACTAGATGTGAGGCTCGGGAAGCTTGTGAGGAAAAGGACGAGCTCCTGTACAGATTAGAAAACCTGA
AGCTCCAGTTAGAGGAAGAACGGCAGAAGTGTTCCAGGAATGATGGCATGTCCGGGGACCTGGCAGGGCT
GCAGAACGGCTCCGACTTGCAGTTCATCGAGATGCAGAGAGACGCCAATAGACAAATTAGTGAATACAAA
TTCAAGCTTTGAAAGCAGAACAAGACATAGCTACCTTGGAAACAAAGTATCAGCCGGCTTGGGGCAGG
TGCTGAGGTACAAGACTGCCGCTGAGAAGCTGAGAAGATTGAAGACGAGCTGAAAGCAGAGAAGAGGAA
GCTACAGCGAGAGCTACGGACAGCACAGGACAAGATCGAGGAGATGGAGATGACCAACAGCCACCTGGCA
AAGCGGCTAGAGAAGATGAAGGCCAACAGGACAGCCCTTCTAGCCAGCAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001024761
Insert Size:	1314 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:	<ol style="list-style-type: none">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:	<u>NM_001024761.1</u> , <u>NP_001019932.1</u>
RefSeq Size:	1836 bp
RefSeq ORF:	1314 bp
Locus ID:	301035
UniProt ID:	<u>Q4V7E8</u>
Cytogenetics:	8q32
Gene Summary:	May function as activator of the canonical Wnt signaling pathway, in association with DVL3, upstream of CTNNB1/beta-catenin. Positively regulates Toll-like receptor (TLR) signaling in response to agonist probably by competing with the negative FLII regulator for MYD88-binding (By similarity).[UniProtKB/Swiss-Prot Function]