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Product datasheet for MC212050

Lrrc19 (NM_175305) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lrrc19 (NM_175305) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lrrc19
Synonyms:	9130022A01Rik; AI314124; AL022954; AW261791
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
ACCN:	NM_175305
Insert Size:	1095 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:	NM_175305.4, NP_780514.1
RefSeq Size:	2773 bp
RefSeq ORF:	1095 bp

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Locus ID:	100061
UniProt ID:	Q8BZT5
Cytogenetics:	4 C5
Gene Summary:	Pathogen-recognition receptor which mediates the activation of TRAF2- and TRAF6 NF-kappa-B signaling pathways and induces the expression of proinflammatory cytokines (PubMed:26776522, PubMed:19679103, PubMed:25026888). In kidney, prevents infection by uropathogenic bacteria by inducing the production of cytokines, chemokines and antimicrobial substances (PubMed:25026888). In gut, involved in host-microbiota interactions, plays a critical role in promoting the recruitment of immune cells and intestinal inflammation (PubMed:26776522).[UniProtKB/Swiss-Prot Function]