

Product datasheet for **MC226353**

Lilr4b (NM_001291892) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lilr4b (NM_001291892) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lilr4b
Synonyms:	gp49; Gp49a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC226353 representing NM_001291892 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACAGCCTCATATGCAGGCATATATAACTGTTACTATAAGAGTGCTGCTGGCTTCTCAGAGCACAGTG
ATGCCATGGAGCTGGTGATGACAGGAGCATATGAAAATCCAGCCTGTCAGTCTATCCAGCTCTAATGT
GACCTCTGGAGTTCCATATCCTTTAAGTGCAGCTCATCCACACTATTTGGCAGATTCATTCTGATACAG
GAAGGAAAGCATGGCCTCTCGTGGACCTGGACTCACAGCATCAGCCAATCAGCCAACCCATGCTACTT
TTGTTCTGGATGCTGTTGCTCCCAACCAATGGAACATTCAGATGCTATGGCTTCTTTAGAAAATGAACC
ACAGGTGTGGTCAAACCAAGTAACTCCCTAGACCTCATGATCTCAGAAACCAAGGAACAGTCTGTACA
CCCCTGAAGATGGACTGGAAACATACCAGAAGATTTTGATTGGAGTCTGGTGTCAATCCTCCTGCTTT
TCTTCTCCTGCTTTTCTCATCCTCATCGGATACCAAGTGTGTCACAAAAATAAGGCTAATGCTTCTGT
GAAGAACACACAATCTGAGGACAATGCAGAGCTGAACAGTTGGAACCCACAAAATGAAGACCCCCCAGG
GAATTGTGTACGCCAGG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001291892
Insert Size:	651 bp



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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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001291892.1</u> , <u>NP_001278821.1</u>
RefSeq Size:	1487 bp
RefSeq ORF:	651 bp
Locus ID:	14727
Cytogenetics:	10 B3
Gene Summary:	May play a role in cell-cell or cell-cytokine interactions during the development of mast cells. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate splice junction at the 3' end of the first exon and initiates translation at an alternate start codon compared to variant 1. The resulting isoform (2) is shorter at the N-terminus compared to isoform 1.