

Product datasheet for **MC219949**

Rab11fip4 (NM_175543) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rab11fip4 (NM_175543) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rab11fip4
Synonyms:	A730072L08Rik; mKIAA1821; RAB11-FIP4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219949 representing NM_175543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGGTGGCGGGCTGGGCGGGCCCGGGCTCTGCTGCGCTCCGTGCGCCGCTGCGCGAAG
 TGTTTCGAGGTGTGCGGCCGACCCCGACGGCTTTCTACGCGTGGAGCGCGTCGCGGCCGCTCGGCCCTGCG
 CTTTCGGCAAGGAGAGGAGGTGGAAAACTTGTGAAGTGTGGATCCCAATGACCTGGGAGAATCAAC
 TTCAAGGATTTTTGCCGCGAGTATTCGCCATGAAAGGGTGTGAGGAGCTGCTGAAGGACGTGCTGTCGG
 TGGAGAGCGCAGGGACCCTGCCATGTTCTCCAGACATCCAGACTGTGTGGAGCAGGGCAGCGACTTCTC
 TGGCTCTACTGATGGCGAGCAACTCCCCAGGAAACCCGACTTCTCCAGGAAGACGAAGAGGAAGCGATG
 ACATTGGCCCTACCTGAGGGACCCAGGAGTTAGACATGGACAGTCCCATGGAGAGCAGCCAAGGCCCGG
 AGGGCTCTGTCAAGGGTGTGGCGAGGAGAAGGAGCCTGAGCTGGGGGGCCTGTTCTGCCAGAGGACAA
 GTGCCCTGTCCTCACTCCATCTGTGACCACATCAGACCTTCCACTCACTCCACCGCCTCTCTTATCAGC
 AACGAGGAGCAATTTGAAGACTATGGCGAGGGGATGAGCTGGACTGTGCTCCCAGCAGCCCATGCCCCG
 ACGATGAGACCAGAACCAATGTCTACTCAGATCTGGGATCTTCAGTGTCTTCCAGTGCGGGACAGACCCC
 AAGGAAGATGCGACATGCCTACAACAGCGAGCTGCTGGACGTGTACTGCTCTCAGTGTGCAAGAAGATC
 AACCTGCTGAATGACCTGGAGGCCCGGCTGAAGAACCTGAAGGCCAACAGCCCAACCGGAAGATCTCAA
 GCACAGCCTTTGGACGGCAGCTCATGCACAACAGTAACCTCAGCAGCAGTAATGGCAGCACCGGAGACCT
 GTTCCGTGACAGCATCGACTCCTGTGACAATGACATCACAGAGAAGGTGAGCTTCTGGAAAAAAGGTA
 ACAGAAGTGGAGAACGACAGCCTGACGAGCGGGGGCCTGAAGAGCAAGCTGAAGCAAGAGAACATGCAGC
 TGGTGCACAGGGTGCACGAGCTGGAGGAGATGGTGAAGGATCAGGAGACCACAGCGGAGCAGCGCTGGA
 GGAGGAGGCCCGCGACACCGTGAAGTCTACTGCAAGCTGGAGCGGGAAAAAGACACAGAGCTGGAGCTG
 CTCAACACCAGGGTGCAGCAGTTGGAGGAAGAGAACACAGATCTGAGAACGACAGTGGCTCGACTCAAGT
 CACAGACCAGAAAGCTGGACGAGGAGCGGCAGCGCATGTCTGACCGGCTGGAGGACACCAGCCTGCGACT
 GAAGGACGAGATGGACCTTTACAAGCGCATGATGGACAAGCTGCGGCAGAACCGCCTGGAGTTCCAGAAG
 GAGCGGGAGGCGACGCAGGAGCTCATCGAGGACTTGGGAGAGAGCTGGAGCACCTGCAGATGTACAAGC
 TGGACTGCGAGCGCCAGGTAGGGGCCGAGCTCCTCTGGCCTTGGCGAGTTCAACGCCAGAGCCCGGGA
 GGTGGAACCTGAACATGAGGTCAAGCGTCTGAAGCAGGAGAATACAAGCTGCGGGATCAGAATGATGAT
 TAAATGGCAGATCCTGAGCCTCAGCCTCTACGAGGCGAAGAACCTCTTTGCAACCCAGACCAAAGCCC
 AGTCTCTGGCTGCAGAAATCGACACAGCATCTCGAGATGAGCTAATGGAGGCCCTGAAGGAGCAGGAGGA
 GATCAACTTCCGACTGAGACAGTACATGGACAAGATTATCTGGCTATACTGGACCACAACCCCTCCATC
 TTGGAGATTAACACTGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_175543

Insert Size: 1908 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_175543.3](#), [NP_780752.1](#)

RefSeq Size: 3145 bp

RefSeq ORF: 1908 bp

Locus ID: 268451

UniProt ID: [Q8BQP8](#)

Cytogenetics: 11 46.88 cM

Gene Summary: Acts as a regulator of endocytic traffic by participating in membrane delivery. Required for the abscission step in cytokinesis, possibly by acting as an 'address tag' delivering recycling endosome membranes to the cleavage furrow during late cytokinesis (By similarity). May play a role in differentiation during retinal development, in a Rab11-independent manner. [UniProtKB/Swiss-Prot Function]