

Product datasheet for **MC204144**

Plekhf2 (NM_175175) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plekhf2 (NM_175175) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Plekhf2
Synonyms:	1110070J07Rik; AA673237; ZFYVE18
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC039276
 CTGGAGGGGTGGTGAAGTCACCTGCGAGCGGCTGCGCCCGCCGCGTCCGGATCGCGCCGGCCTCGCGGGG
 CCCCACGCAACCTGCGAGGCTGGGGTCGGGGAGCAGGCGAAGTCCGCGCCGGAGTCCGCGACTAGGAG
 GACTCGCACCTCGGCGCCGCCCGCCGCGGGGTTCGGTTATTAGCAAAAGATGGTGGATCGCCTGGCA
 AACAGTGAAGCGAATACTAGACGCATAAGTATTGTGGAGAGCTGTTTGGAGCCGCTGGTCAGCCCTTGA
 CCATCCCTGGGCGAGTGCTTATTGGAGAAGGAGTGTGACTAAGCTGTGTAGAAAAGAACCTAAAGCAAG
 CAGATTTTTCTTATTTAATGATATTCTAGTATACGGCAATATTGTTATCCAGAAGAAAAATACAACAAA
 CAGCATATTATCCCTTGAAAAATGTCACCATTGATTCCATCAAAGATGAAGGGGAATTACGGAATGGAT
 GGCTTATTAAGACACCGACTAAGTCGTTTGCAGTTTATGCTGCCACTGCCACGGAGAAGTCAGAGTGGAT
 GAATCACATAAATAAGTGTGCTACTGATTTACTCTCCAAAAGTGGGAAGACGCCAGCAACGAGCATGCT
 GCTGTCTGGGTTCTGACTCTGAGGCCACCGTGTGTATGCGCTGTGAGAAAGCAAAATTCACACCAGTCA
 ATCGGCGGCACCATTGCCGCAATGTGGCTTTGTTGTTTGTGGTCCCTGCTCTGAAAAGCGATTTCTTCT
 TCCCAGCCAGTCTTAAGCCTGTGCGGATTTGTGACTTCTGCTATGACCTGCTTCCACGGGGACATG
 GCCCGGTGTGAGCCGACCAGATCAGACTCTTATAGTCAGTCGTTGAAGTCTCCTTTAAATGATGCATCTG
 ATGACGACGACGATGATGATAGCAGTGACTAAGGACATGCTGTGAAGTATTTAATTGACTGCCTGAGAGT
 CAGCTTTGGGGCGCTCTCAGTTTGCTTTAGCCATGACTGCCTGAGAAGTCTTAACCTCTGTGCCTCTCT
 GTATCCTATGAAAAGCAGCCCCATGCTTTCTGCTCCCCTCTGCACTCTCTCACAGGGACAAACTGCAGA
 TACATCCGATAGGGTCTTGGCTTTCTACTGTCTTATTCTAGATTATTTCTTGTAAAGTTGAAAAGGAT
 GTTTATTTAACAGATCTTGTATTACATTTATTTCCCCTGATGTGAAAACCTAAAGCAGACAATGATG
 GGAACAAGAGTATGATGTCTTGGTATCTGGCTTTTCCCAAGCAGTAGATGTCAAGGTTACGACACCAG
 TGACAGGACATGGTTCGAAAATCCTTTTTCTTTTTCTCAATACCAAGTGGTGCCTTACTGTGGCAGCA
 GTGTCACTGTCACTGAAATAAACGTAAGCCCTACCTCTTTCTTGTGTTGATTGATTTAAATACACTGGTG
 CTCTTACAGGTGGAGAATGAGTGTGATGGATGAGTAAGCATATTTATTTGACAGCTACGAGGAAAT
 AAATTTAGAGGTTTCTCCAATCTTATATGAATATTTTTCATAAAATAGTTGTGATTATATTTTACATCT
 TTTATGCACCAAATTATATGGTCACATATGTTTAGCCGTTGCCACTGTTGCGGATTGATTTGAAACT
 CATCACTAGTATAGAAGTGGCATATCCCCTACTTCTACTTTCTGATATATTTTACAATAACTTTA
 TTTGCTTTACATTATTTCTAAAAGGAAAAATCTGAGGAAACCCTTATATTTCCAACAGGGTTTCTCTGT
 GTAGCTTTGCTTGTCTGGAACCTGATTTGTTGACCAGGCTGGCCTTGAATTTCTCAAAAATCCATCTGCC
 TTTGCCTCCCAGGCACCCTACCCTGACAAAAATGAAAAGTCTTAAGAAAATCTCCAGGAGACA
 TGGAGTCTTAGAGATCTGGAAGAGATCGGAGTTTACTAGGTTTCTGTCTGCAAGTCAATTTTTTTGT
 GAAATTATCTTGATTTACAACGTGGTATTGTATTTTACAGAGTTCATGAAGCCCCAAACAATTTTTATTT
 TTGTAACAATTTGATGTTAATCTGTTTCTGAAATCATTTTGAATATATGAAAATAGAGTAGCAGTT
 GATATTTCTAAATTTGTGACCATTGTCCGAGATTTCTTTGAGAAGTGGTAGTTATTCTCTTTATGTTTGG
 GGCAGCCATTAGGCTGTAGGCTGCTTACTGCATAGCACTGGACGTGCCAGGCACATTCTGGCCCTGGC
 ATGCTTAAAGTAAGTGGTTTTCAATGTGGGAAATCAAGCTGAAAGGCTGTTTTGTTTTGTTTTGTTGT
 TTTTTGTTTTGTTTTTTTTTTTTTTCAGAGTCTTTTCAAACCCAGTTTCCCTTTTTCAAACCTTAAAA
 CCTGCATAATTTGCAGATGCTTAGGGTTTGTGAGTCACTTGTGAATGAAAGTCAATGGTATTGGC
 TTTGTGGTTACAGTACTAATTTTACTTTGCTGCTCAGTTTTGAAAGTGTGTGAGCTACATAGGTCCCT
 GTAGGAAATGTAAAAAAGCACAAATAGAACCAGGCTAGGGCTTTGTTCTGCTTTTTGTTTTGTTTTGG
 TTTTACTATCAGATGGATGGATTTGAGTTTGTCTCAGAGCAGCATATACATGCAGTCAGTAAGCATGTTT
 GAAAGGACCATAAAAACCAGAGAAATGCTGATGGGAACTTGAAGTTCAGGAACCAAGGGGAAATGCTCT
 GAGATAACATTTGCATTGTGCACCTCAGTTGACTGTTTTTACAATAAAAAATTTTTGCAGCTTAAAAAA
 AAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_175175
Insert Size: 750 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:	BC039276 , AAH39276
RefSeq Size:	2892 bp
RefSeq ORF:	750 bp
Locus ID:	71801
UniProt ID:	Q91WB4
Cytogenetics:	4 A1
Gene Summary:	May play a role in early endosome fusion upstream of RAB5, hence regulating receptor trafficking and fluid-phase transport (By similarity). Enhances cellular sensitivity to TNF-induced apoptosis.[UniProtKB/Swiss-Prot Function]