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Product datasheet for MC203728

Rnf11 (NM_013876) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf11 (NM_013876) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf11
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>BC010299
GTGGGGAAGCGCTCAGTCTTCCCGCCCCCGCCCCCCTCAGGTTCCAGACGCGACCCCGGCGCAGCCCGCG
GCCTAGCCTCGCGCCCCCTGCCCCGGGGGCTGGCATGAGCGGCCCCTCGGTGGCGCCGGGGCGCGGGGGA
GCCGCCGCCTGAGCCCCGGGCCTGCCGCCTTGGACCCCGCGGCGCCGAGCGAGCTCACCGCCGAGCGTGC
GAGAGACCGGGTCACAGCTTTCTTCCTCCCGCAGATCTCAAGCATACACCCCAGCCCCGGAAGATGGGGA
ACTGCCTCAAATCCCCGACTTCGGATGACATCTCCCTGCTTCACGAGTCTCAGTCCGACCGGGCTAGCTT
TGGCGAGGGGACGGAGCCAGATCAGGAGCCGCCGCCGCCATATCAGGAACAAGTTCCTGTTCCCATCTAT
CATCCGACACCTAGCCAGACTCGGCTAGCAACTCAGCTGACTGAAGAGGAACAAATTAGAATAGCTCAAA
GAATAGGCCTTATACAGCATCTGCCTAAAGGAGTTTATGACCCTGGAAGAGATGGATCAGAAAAAAAGAT
CCGAGAGTGTGTGATCTGTATGATGGACTTTGTTTATGGGGACCCAATTCGATTTCTGCCGTGCATGCAC
ATCTATCACCTGGACTGTATAGATGACTGGTTGATGAGATCCTTCACGTGCCCCTCCTGCATGGAGCCAG
TGGATGCAGCACTGCTTTCATCCTATGAGACTAATTGAGCCAGGGTCTCTCGTCTGACTTCAAGTGAACC
ATCGGTTTTGGTGGTTTTGATCTTTTGTCACTGAGCCCAAAGAGCCAGGGATTAGGAATTAAGATCATGC
ACAAAAGTTTCCTAAAAATTCCTGGATGGCTGCAGATGTTGAGGGAAGTATGTGATATTTTAGAAATTTA
GGGGGAAAGTAGGATGGATGGTATTTTTATGTAAAGCCTTGACCCAGTGTTTAAAATATAATTGTTATTA
GACCTTGTTCTTGCTCCAGTACATAGGAATTGTGTAAAGTGTTACAGCAACTGTACATGTTTAAATTGTG
TGTGTTGAAGCTTAGGAAAAAGATAGTTGTTATTTTTCCTAAATGAAATAAGTTTCTTCTCCCACCCAAA
TTCTTTTCTGAAAAGTTACTGACATTTGGGTCAAGGTTTTATTAAAAGCTACATTTTATAACACTGGCAC
AAAAAAAAAAAAATAGTAGTTTTAAGCTTGTTTGCACAGTTCTTTTTTTCCATTGGAAATGGAATTCATT
GCCTTAGGTCTTTTTAAATAGTGTATTATTATCGTTGGGGCTGGCTCTATGCTTGAAAACCAGTTTATTT
ATAACCTGTTGTAAGTGCTATATTCTGTTTGCAGTTAGGAAATGCAGAATTCACAGTGATCTCCTAGCTT
GTAAGCAAACTGAGATGCACTATCCCTTTTCTATTAAGAATGAGTTGATGTGTCAGGAAACAAGGCTAGC
AAAGTGGATTTGATATCCCTTTCCTTGTGTGTCTTATCTTATTGTTTTGGTGGTTAATATGGTGATAATT
GAAAGTCAAGTTGAAATTCAAATATTAATATTTCTGATTTGTTGAGCTTTGAATTATGCCACCATGCTTA
TATAAAAACGAAGGTGGCACCATGATGAAACTTAAAGAAACAGTTTCTCATCTGTAACAGTTTTGATTCT
CTTTCCTGTGACCTCTTTCCCCACTGTCTGGAACCATAGCAAAAGGATACTGCATCTCTTGTTATTGTAG
TGCTGAGGTTATTGAAGTTACAGAAACACATCTGGTGTGTTTCCTAGAAAAGTACCTGTTCAGTCTTGCT
AGGTGACTGACAGGAGAGGCAAATGTGTTATGTTTTGCACACCAATGCAGCAGGGTTTGTATAACCACAT
GACTTCATAGTTGTGATCTCAAAGGAACTTCTCCTTTATTTTTTCTTGCAATTAATGTAAGAATACTCTA
AATCTCTGCACTTCTGAAGGATTAGAGGTAGAAATGGTCTAGTAAAGTGTAATGTTTTATTCATTTAGCA
TGTGTTTATTTTCCTTATGTTCTCCAGGTGATTCGTTCCTTCCACTCAGTGATATTGTGGTTAAAAAATG
ATGAGCAGAAGCGCTCTCCACCTTACAAATGAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_013876

Insert Size: 465 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:	BC010299, AAH10299
RefSeq Size:	2147 bp
RefSeq ORF:	465 bp
Locus ID:	29864
UniProt ID:	Q9QYK7
Cytogenetics:	4 C7
Gene Summary:	Essential component of a ubiquitin-editing protein complex, comprising also TNFAIP3, ITCH and TAX1BP1, that ensures the transient nature of inflammatory signaling pathways. Promotes the association of TNFAIP3 to RIPK1 after TNF stimulation. TNFAIP3 deubiquitinates 'Lys-63' polyubiquitin chains on RIPK1 and catalyzes the formation of 'Lys-48'-polyubiquitin chains. This leads to RIPK1 proteasomal degradation and consequently termination of the TNF- or LPS-mediated activation of NF-kappa-B. Recruits STAMBP to the E3 ubiquitin-ligase SMURF2 for ubiquitination, leading to its degradation by the 26S proteasome. [UniProtKB/Swiss-Prot Function]