

Product datasheet for MC205496

Rftn2 (NM_028713) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rftn2 (NM_028713) Mouse Untagged Clone
Tag: Tag Free
Symbol: Rftn2
Synonyms: 2700010E02Rik; 3222401M22Rik
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC038341
 CCTCGGTAGAAGCCGGGAAGCACAGGACTGACCAGAAGAAACAGAAGAACCGCATCACTTTGACTGACT
 TTATCTTCTATCCGTAGATAATCACACCAGAGTTGCACCTTTTGTCTTTAATTCCGTTTCTGGACACCTCT
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 GGCTGGCTGTAATTGACGTGGCATGGAATTCTCCACTAAGTTGCAGCAGCTCACGAGCTCCTCAAAGA
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ACACAAATGCATCCCAAGCCGAGGAGGCCGAGCCCTCTTGAGGAGGGCTCCCTCTCTCCGTCCAGGGA
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AGTAATTCACATATTTTATATATTTTATTGGCTTGTGCTGTGACATTGTGAGTCATTTGAATAATAAACTC
TTATTTGTTGTTAGGCTACTGTCTGACTGAACACAAAAA

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- Restriction Sites:** RsrII-NotI
- ACCN:** NM_028713
- Insert Size:** 1503 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:** [BC038341](#), [AAH38341](#)
- RefSeq Size:** 3689 bp

RefSeq ORF: 1503 bp

Locus ID: 74013

UniProt ID: [Q8CHX7](#)

Cytogenetics: 1 C1.2

Gene Summary: Upon bacterial lipopolysaccharide stimulation, mediates clathrin-dependent internalization of TLR4 in dendritic cells, resulting in activation of TICAM1-mediated signaling and subsequent IFNB1 production (PubMed:27022195). May regulate B-cell antigen receptor-mediated signaling.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).