

Product datasheet for **MC201428**

Rnf128 (NM_023270) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf128 (NM_023270) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf128
Synonyms:	1300002C13Rik; AI987883; GRAIL; Greul1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC010477 sequence for NM_023270
 CCCACGCGTCCGGCTTGCTTGCAGGAGCTGCGTCTGCAGTAGCCTGGCCGCTGACGCTGCGTGCCGGCTG
 GCAGGGCAGCCTGCGACCTCGCTGGCCCCGCGCCCGCTGTAGCCGCGGCTCCCCACCTGGTTCGCACC
 TAGTCCCAGCCCGGGTGCCTGCCGAGTGCAGCCATGGGGCCGCGCCCGGGATCGGGGTCTACTGCCG
 CGGCGGCTGCGGAGCTGCCCGCTACTGGCTTGGTGCTTCTTCTGGCTCTGAGTCCGCACGCGCCCGGT
 TCCCGGGGAGCCGAAGCCGTGTGGACCGGTACCTCAACGTGTCTGGCGGGTCCGCACACCCGGAGTGA
 ACCGCACGGTGTGGGAGCTGAGCGAGGAGGGCGGTACGGCCAGGACTCGCCGCTGGAGCCCGTCTCCGG
 GGTCTGGTACCGCCGACGGGCCGGGGCGCTAACGCCTGTAACCCGCACACCAATTTACGGTGCCC
 ACGGTTTGGGGGAGCACGGTGCAAGTATCTTGGTTGGCCCTCATCCAACGCGGTGGAGGCTGCACCTTCG
 CGGACAAGATCCATCTGGCTTCCAGAGAGAGGGGCTTCTGGAGCGGTATCTTTAACTTCCCTGGGACCCG
 CAATGAGGTATCCCATGTCTCACCCGGTGTGGGACATTGTTGCAATCATGATTGGCAATCTGAAA
 GGAACAAAAATTCTGCAGTCTATTCAAAGAGGCATCCAAGTACAATGGTATCGAAGTAGGAAAAAAC
 ATGGCCCTTGGTGAATCATTATTCAATTTTCTCGTTTCTGTCTCTTTTTCATAATTACGGCAGCAAC
 CGTGGGCTATTTTATCTTTTCTGCTCGAAGATTACGAAATGCAAGAGCTCAAAGCAGGAAGCAGAGG
 CAGTTAAAGCAGATGCTAAAAAAGCTATTGAAAGCTTCAAGTGCACCTTGAACAAGGAGACAAGG
 AATTGGCCCTGATGGAGATAGCTGTGCTGTGATTGAGCTCTATAAGCCAAATGATTTGGTGCGCAT
 CCTAACCTGCAATCATATTTCCATAAGACATGTGTGGACCCGTTGGCTTTTAGAACACAGGACTGCCCC
 ATGTGCAAGTGTGACATTCTCAAAGCTCTGGGAATTGAGGTGGATGTTGAAGATGGATCAGTGTCTTTAC
 AAGTTCCTGTTTCTAATGAAGCATCTAATACTGCCTCTCCCCATGAAGAGGACAGTCGCAGTGAGACTGC
 ATCATCTGGATATGCTTTCAGTACAAGGAGCAGATGAGCCACCTCTGGAGGAACATGCGCAGTCAGCAAT
 GAAAATCTACAGCTGGTAAACCTGAAGCAAATCTGTGGCCGTGGATGTTGTTCCCATGTTGACAACC
 CAACCTTTGAAGAAGTAAACTCCTGATCAAGAGGCAGCTGTTCCGGGAGATTAATCTTAAAAATCTGT
 GTCAATAGAAAACTTGAACCGTTAGTTAAACAACAGGACTGCCAATCAGGGCCTAGTTTACTATGAATGAA
 CTGGGTAACGTAACAACAAGAATGATACTGAAAAGTGTGAGGTAACCTTATTATATAGTTAAATGG
 CTTAACATATTTACCCAGTACCGTTTTCCACAAACTCACCATAACGTTTTTTCATAGGCAAGTTTCTCT
 TGGTGATAGTGATAGCAACATTTTAAACATTCAGAACCGTCTATGAGTAGTCAGGTTTTTTCATTTACAAC
 AACTTTGTATAAAAAAATATGTTGCTTTAAAAGTGTGGAGTAGCTGTAATCACTTTGTTTTATGATAGT
 ATCATAATTAACAATACTACTACTTTAGCTTGGGCTCTGTGTGTCGGGGTTGTCTCCAGGTGCTTATA
 TTGATCTGGAATTTGTTTAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_023270

Insert Size: 1287 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: [BC010477](#), [AAH10477](#)

RefSeq Size: 1928 bp

RefSeq ORF: 1287 bp

Locus ID: 66889

UniProt ID: [Q9D304](#)

Cytogenetics: X F1

Gene Summary: E3 ubiquitin-protein ligase that catalyzes 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains formation. Functions as an inhibitor of cytokine gene transcription. Inhibits IL2 and IL4 transcription, thereby playing an important role in the induction of the anergic phenotype, a long-term stable state of T-lymphocyte unresponsiveness to antigenic stimulation associated with the blockade of interleukin production. Ubiquitinates ARPC5 with 'Lys-48' linkages and COR1A with 'Lys-63' linkages leading to their degradation, down-regulation of these cytoskeletal components results in impaired lamellipodium formation and reduced accumulation of F-actin at the immunological synapse. Functions in the patterning of the dorsal ectoderm; sensitizes ectoderm to respond to neural-inducing signals (By similarity). [UniProtKB/Swiss-Prot Function]