

Product datasheet for MC212169

Rnf144a (NM_080563) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnf144a (NM_080563) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnf144a
Synonyms:	Rnf144; Ubce7ip4; UIP4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212169 representing NM_080563 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACCACAGCAAGGTACCGGCCACCTGGGACCTGGCCCTCGACCCACTGGTGTCTGCAAGCTGTGCC
TCGGGGAATACCCAGCGGAGCAGATGACAACCATCGCCAATGCCAGTGCATCTTCTGTACCCTGTGCCT
GAAACAGTATGTTGAGCTCTTGATCAAAGAAGGGCTAGAACTGCAATTAGCTGCCCGGATGCTGCCTGT
CCCAAACAGGGCCACCTCAGGAGAATGAGATTGAGTGTATGGTTGCCGAGAAAATATGCAGAGATATA
AAAAGCTACAATTTGAAAGAGAGGTGCTCTTTGACCCCTGTGCGACGTGGTGCCAGCATCCACCTGCCA
GGCCGTGTGCCAACTCCAGGACATAGGGCTGCAGACCCCGCAGCTGGTACAGTGCAAAGCCTGTGACATG
GAATTCGCTCTGCTTGCAAAGCCCGCTGGCACCCCTGGCCAAGGCTGCCAGAGACCATGCCCATCATAT
TCCTTCCCGGAGAGACCAGCTCTGCTTTCAAGATGGAAGAGGGCGACGCACCCATCAAACGCTGCCCAA
GTGCAGGGTGTACATCGAGCGGGATGAGGGCTGTGCACAGATGATGTGTAAGAACTGCAAGCATGCCTTC
TGCTGGTACTGCCTGGAGTCTCTGGATGATGATTTCTTCTGATACATTATGACAAGGGGCCCTGCCGCA
ACAAGCTGGGCCACTCCCGAGCATCAGTGTCTGGCATCGGACACAGGTGGTGGGAATTTTGTCTGGATT
TGGGCTCTGCTCTTAGTGGCTCCCTTTCTGCTCCTGGCCACACCCCTCGTGCTTTGCTGCAAAATGC
AAGTGCAGTAAAGGTGACGACGCCCACTGCCACCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_080563
Insert Size:	879 bp



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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:	NM_080563.4 , NP_542130.1
RefSeq Size:	5115 bp
RefSeq ORF:	879 bp
Locus ID:	108089
UniProt ID:	Q925F3
Cytogenetics:	12 A2
Gene Summary:	<p>E3 ubiquitin-protein ligase which accepts ubiquitin from E2 ubiquitin-conjugating enzymes UBE2L3 and UBE2L6 in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Mediates the ubiquitination and degradation of the DNA damage kinase PRKDC.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR, compared to variant 1. Both variants 1 and 2 encode the same protein.</p>