

Product datasheet for **MC200052**

Nutf2 (NM_026532) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nutf2 (NM_026532) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nutf2
Synonyms:	2700067I02Rik; AI115459; AI413596; AW546000; Ntf2; Ntf3; PP15
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC003955 sequence for NM_026532

GGGGAAGGGACAGTCGGTTCGACAGACCGCGCTGGGTTGCCGCCGCCGCTGCCGCCATCGTGCCAGCCCCAC
GGGTCTCAGAGGTGGGTGACCTCCAGGATGGGAGACAAGCCAATTTGGGAGCAGATTGGATCCAGCTTT
ATTCAACATTACTACCGATTATTTGATAACGACAGAACCCAAGTGGCGCAATTTATATTGATGCATCAT
GCCTTACATGGGAAGGACAGCAGTTCAGGGGAAAGCTGCCATTGTGGAGAAGCTATCTAGCCTTCGGTT
CCAGAAAATTCAGCATAGCATCACGGCGCAGGACCACAGCCTACACCAGATAGCTGCATCATCAGCATG
GTTGTGGGCCAGCTCAAGGCTGATGAAGATCCCATCATGGGTTTCCACCAGATGTTTCTATTAAGAACA
TCAACGATGCTTGGGTTTGACCAATGACATGTTCAAGGCTTGCCCTGCACAACCTTCGGCTGACCTCCTCC
TGCCACAGTCACGCTGTTTCTCTCCTCTTCCCAATCCTAGCTCACTCCTCCAGATGCTCCAAATAT
CATACACAAACGAGCAGGCGGAGGCGGGAGCGGGTGCAGGCGCTTCTGTCAACCAGGTGTTGTGCATG
ATGTTTGGATGCTAGACTAGTCGCATCTGACAGGAAGTTTGTGTTGTACCAGCGCATGCCTTGAAAGAC
TTAAGTAATGCAAACGATTGTCGGGTTTTGTTTTGTTTTATTTTTGTTTTGTTTTGTTTTTAACTCT
ACTGACAAGTTGCTCTAGTAACCCAAAGAAGTGAAGGAGAAAGCAGCTGCCTCACCAACGCCCCAGATAT
TGATTTTGTTCAGATGTTTCAATGCCTCATGATACAATAAAACCAAAAAATTTCTTAACAGTTTAAATT
GTTTTTATTAGTTAAGTAGTTGGCTGGGCATCAACAGTTCACAGCCATTGTCTCACTTCCCCACCCCCA
TCTGCCTCACCTCAACAGAACCTACTGCAAGGAGCAGATTCACTCAAGTGCGTAAGCTCGCATGTCTGCG
GGCGGGGCAGAGTTCTCTCCAGCCCCAGGTTTTGGAACGCAGGCGCTGGCCTGAAGCTTCTCTTGACT
GAAGGCTCTTCAGTCAGCTCTGTCTGATACCACCTGTGGCCTCTGCTCTGTAGATTTGGGTCTAGTAGCA
GGGTAGATATTCTGTAGCAGCTAGAAAGGCCTTAGCAAATATGGCTTCCCATATTTATACCCTCTGGGTT
GAAGTCCTAAATGTAGGGGCTGCTCTATACCCAAAATAAGTGACATGCAGATGCCACATTCCCCAAGC
AAAGCGAGAGATGCTGTGCTGCCTGCTTGGGATATCAGAGCCAGGCGCCATTAGGTGGAGTATAAATTCC
ACACTGGAAGGAAGCAGTGTGAAGGAGTGTCTAACTCTCCCCTCAAGACCTGTGCAGGGCATTTACACA
CCATCTTCTACTTTCCACATACCCCATACACTCTTCAAATCCAGGAAATCTTAACTAGTATGGCAGTT
TCTGCCCTGTTTCTTAGTCTGGGCACAGTCTTGTCTCAGTACCGATATAGCTTTTCATCCTTGAGACCTC
TGGATAGTATAAAGCTACTAAAAAGCAACTGCAAGCTAGAACCAAGCCCAGGATTTGGGGTTTAGGATT
GGCTAGGCACACCTGAACATGCCCTTCTCCCTGCTCTCTGCAATTGTGAGGGGAGAGTAAAGATTTCCAC
ATACTCCACAGGTTGCCTGGTTAGACCAGCATAGTCTGGACGCTACACAGAAGGTTCCAGTGGGATTGA
TCTCTAGCTGCTGTGATTGGGGGAAGTAGGGGTGGGAGAGAGGTAGATGCCAGCTGCCTCTTAATCCAC
CCTGTATAAAATCTGCAATACAGCTTCTCCATGTACCTGTGCCTGAAATGTCTGCAATAAAGAGGTGTT
TGTA

Restriction Sites: RsrII-NotI

ACCN: NM 026532

Insert Size: 384 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC003955 , AAH03955
RefSeq Size:	1978 bp
RefSeq ORF:	384 bp
Locus ID:	68051
UniProt ID:	P61971
Cytogenetics:	8 53.05 cM
Gene Summary:	Mediates the import of GDP-bound RAN from the cytoplasm into the nucleus which is essential for the function of RAN in cargo receptor-mediated nucleocytoplasmic transport. Thereby, plays indirectly a more general role in cargo receptor-mediated nucleocytoplasmic transport. Interacts with GDP-bound RAN in the cytosol, recruits it to the nuclear pore complex via its interaction with nucleoporins and promotes its nuclear import. [UniProtKB/Swiss-Prot Function]