

Product datasheet for **MC206238**

Nsf (BC006627) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nsf (BC006627) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nsf
Synonyms:	AI316878; AU020090; AU067812; SKD2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>BC006627
CGGACCGGTGGGCGCGCGCGGGAGGCGGGCTCAGCAGAGTGCGGAGCTGCAACCTGGGAGCCGGACGT
GTCCGCGAAGATGGCGGGCCGGACTATGCAAGCTGCGAGATGCCCTACTGATGAATTATCTTTAAGCAAC
TGTGCGGTTGTGAACGAAAAAGATTTCCAGTCTGGCCAGCATGTGATGGTGAGGACGTCCCCAATCACA
AGTACATATTTACGCTGAGGACCCATCCGTCAGTGGTTCCAGGATGCATCGCGTTGAGCTTGCCTCAGCG
AAAATGGGCTGGACTTTCTATTGGACAGGACATAGAAGTTGCCTTGATTTCGTTTGACAAAGCCAAGCAG
TGCATCGGCACAATGACCATCGAGATCGACTTCTGCAGAAGAAGAACATCGACTCCAACCTTACGACA
CCGACAAGATGGCCGCCGAGTTCATCCAGCAGTCAACAACCAGGCCTTCTCAGTGGGCGCAGCAGCTTGT
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CACCCTCGTTAGTGTCTCCTAGAAAGGCTCCTCACAGCGGAAGACTGCCCTGGCTGCAAAAGATTGC
CGAGGAATCCAACCTCCCTTCATCAAGATCTGCTCACCTGATAAGATGATTGGCTTCTCCGAGACAGCC
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AAGTGT CAGGCC ATGAAGAAGATCTTTGATGATGCTTACAAATCTCAGCTCAGCTGTGTGGTTCGTGGATG
 ACATTGAGAGGCTGCTCGATTATGTCCCATTTGGTCCCGGTTCTCCAACCTGGTATTGCAGGCTTTCT
 TGTGTTACTGAAAAGGCGCCTCCTCAGGGCCGCAAGCTTCTTATCATCGGGACCACCAGCCGCAAAAGAT
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 CAATTAGGTCGTACGTCATTCTGGAGATGAGTCTTAGGGCGCATGCCACTCTCCCCGTGCTGCTTCA
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 AAAGATATTATATTGTGTAATGCAAATGAAGGAATGCAATAAAGAGTAAATATACTTGAAAAAAAAAAAAA AAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

BC006627

Insert Size:

2235 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:
[BC006627](#), [AAH06627](#)

RefSeq Size: 3787 bp

RefSeq ORF: 2235 bp

Locus ID: 18195

Cytogenetics: 11 67.54 cM

Gene Summary: Required for vesicle-mediated transport. Catalyzes the fusion of transport vesicles within the Golgi cisternae. Is also required for transport from the endoplasmic reticulum to the Golgi stack. Seems to function as a fusion protein required for the delivery of cargo proteins to all compartments of the Golgi stack GRIA2 leads to influence GRIA2 membrane cycling (By similarity).[UniProtKB/Swiss-Prot Function]