

## Product datasheet for **SC215792**

### NSF (NM\_006178) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NSF (NM_006178) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NSF
Synonyms:	SEC18; SKD2
ACCN:	NM_006178
Insert Size:	1671 bp



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**Insert Sequence:** >SC215792 3'UTR clone of NM\_006178  
The sequence shown below is from the reference sequence of NM\_006178. The complete sequence of this clone may contain minor differences, such as SNPs.  
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAAGGAGCTAGCCCCCTTGATTTTGATTGAAAATGAACTATTTGAAACACACAGTGACCAAGGGAAGTG
ACCAAGGTGAAGATGGCCTAGGATCTTCACTGTCTTACTCAAGATACTGGACTAAGTGGAACGTTCTCT
ACCTTCAACATGTGCTCGCTCTGCATGATTAGTGCAATAAACTCCCTTCTTATGCATACTGAGATAG
CTTAGTGTCTCGTGAAGGTGTCAATTTGGTTTAGAATGCTGCGCTTACCTTCCCATGCAGGCTAAAGT
GATTCCTTCTTGCTCAGTCCCTTGGGTGGGAACCATCCAGTACTTGTGGACACTACACGTTTCAACCT
CTCTACTAGCACCATACCCTTAAAACTCTCAGTCAGTGTGATGAATGTTGCATGACAACAGTTGGCC
GATTAGAAGGCAGACTTCTACATGCAAACTGGCTTAGTAAATCGAGGTGTGGCCAGAGATCCTCTG
ACAGCTGTCTGAGCTAACACTAAAAGTACTGGGTATTTGGTTAAAGGTCTCCACAAGACTGGTATT
CTCTTTGCCTGAAGAAACAAGGCATTGAATCTCTAAAATGCTGTTCTCAATCATTGTCAGAGATGTTTT
CAAGTTGCAGTCAGAAGATCTTTCTTAATAGAAAAGTCAGATGACTACCGTGTGGTTGTGACTTCCCTT
TAAGTATAACTAATTTGCTCTGTGGTAAGAGATATGCTCATTATTACCCTTAGAAGATGTTGTTAAAA
ACATGTGAAAGATAGGTATGGAAAAAGCATACACCCCAACAGAAAGGAGTTATTAAAGTAATTTACA
AACCTCTCAGCACTAATTAGTGTCCAACCCAAGTGGGTCAATTCCTTAGTATAATTAAGGCTTACT
AGTATCACTGCTTTTTCCCTTAGCTTAATGACTTACTTAGAATTTATCCTTTATTTTAAATGATCTGTAC
TATCTAGTGTCTAAAACACTATTCTCCAGAAAAATCAATCATTTTCTAGCCCTCTCCCTCAGTCCTTTA
TTGTCCATTCCAATACATTGAACACATTTCCCTTACCCTCCACACACTTCTCCAAAAGGAAGCACCCG
TTGAGTCTTTTTGAGGGTGATTTGTCTTACAACACTGACTGACTTAGCAGGAATTTAATTAGGTCATATTT
GGTGATGAGACTTATGGAGTGTGCCTCTCTCCCAACTGCTGCTTAAAATGCAAGGACAAGCAATTAG
AAGCCATCCTAAGGTGCTTACCTCACACGCCACCCATGAGGCTTGTGGCCACAGTGGCACTTGGGTGTG
GCTCCTCTGTTATTTGCTCATGTGAGAAAGCAGATCATCTCCAAATCTTGCCATTTGTATACTTTTG
GTGGAGACTTGGATGTCATATCTTTTGGTTTTTCTCCCTAGCTTATTTTGTGGCTTTTAAA
GAAGTGGATTGTATTGTGAGATCCTGTGATTCCTGGTGGCCAGTATCCTGGATTCCTAAGATCTTGC
CTCTTTCTCCTCATGAAAGCAGCACACATTGTGTTAACTTATGTCTCTTGTAAATGAGCTTAATGTC
TTTGTGTTTTGTCCAAAAGTATTGAAAAAATATTGTTAATGCAAATGAAGGAATGCAATAAAGAGT
AAATATACTTGAAAA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_006178.4](#)

<b>Summary:</b>	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 independent of vesicle origin. Interaction with AMPAR subunit GRIA2 leads to influence GRIA2 membrane cycling (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	4905
<b>MW:</b>	63.1