

## Product datasheet for **SC206570**

### Neurofilament (NEFM) (NM\_001105541) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Neurofilament (NEFM) (NM_001105541) Human 3' UTR Clone
Symbol:	Neurofilament
Synonyms:	NEF3; NF-M; NFM
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001105541
Insert Size:	517 bp
Insert Sequence:	>SC206570 3'UTR clone of NM_001105541 The sequence shown below is from the reference sequence of NM_001105541. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATAGTAAAGGAAGTCACCCAGAGTGACTAAGATTTGAGTCCATTGCAAAAAGGTTAAGCCATATGACAAT
TTCAAAATGCATGTGATTGGCAGCTTCAAACAGAACGGGTTCTCCCATGGGGCTCCAGACATTGTAT
TTTACTTTGTGCAATATGAGGGGACTGCATGCAAGCTCAGGGTGTCCCTCCTCAGTCTTTGGGGGATT
CAAATGCATGATATTGTATGTACCTGGGAAATTTGCCGATTTCCCTAAGCTGTTGGAAGGGGGTCACTTA
AGGGGGGATGTCTTGAGATGTATTATGCAAAGTACCAACTGAGCCAAAAACAATAAACGAAACACAGAA
CTCAGCCTTAAGAAAGCTATATATGAATAATTATGTTTACCTCACTGGTGCAATTTAAATGGACTTTTG
TTCATGGGAGAACCTCGTTGACATGCACAGTTTGAATCTTATGTTGATCGATGTTAAACGTCACAGCA
GTA
```

Restriction Sites:	Sgfl-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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001105541.2</a>
<b>Summary:</b>	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of neuronal damage. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]
<b>Locus ID:</b>	4741
<b>MW:</b>	19.8