

## Product datasheet for **SC206574**

### Neurofilament (NEFM) (NM\_005382) Human 3' UTR Clone

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | Neurofilament (NEFM) (NM_005382) Human 3' UTR Clone  |
| Symbol:                   | Neurofilament  |
| Synonyms:                 | NEF3; NF-M; NFM  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_005382  |
| Insert Size:              | 517 bp   |
| Insert Sequence:          | >SC206574 3'UTR clone of NM_005382<br>The sequence shown below is from the reference sequence of NM_005382. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site |

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATAGTAAAGGAAGTCACCCAGAGTGACTAAGATTTGAGTCCATTGCAAAAAGGTTAAGCCATATGACAAT
TTCAAAATGCATGTGATTGGCAGCTTCAAACAGAACGGGTTCTCCCATGGGGCTCCAGACATTGTAT
TTTACTTTGTGCAATATGAGGGGACTGCATGCAAGCTCAGGGTGCTCCCTCCTCAGTCTTTGGGGGATT
CAAATGCATGATATTGTATGTACCTGGGAAATTTGCCGATTTCTAAGCTGTTGGAAGGGGGTCACTTA
AGGGGGGATGTCTTGAGATGTATTATGCAAAGTACCAACTGAGCCAAAAACAATAAACGAAACACAGAA
CTCAGCCTTAAGAAAGCTATATATGAATAATTATGTTTACCTCACTGGTGCAATTTAAATGGACTTTTG
TTCATGGGAGAACCTCGTTGACATGCACAGTTTGAATCTTATGTTGATCGATGTTAAACGTCACAGCA
GTA
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|                    |  |
|--------------------|--|
| 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_005382.2</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   |