

Product datasheet for SC207800

NFH (NEFH) (NM_021076) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NFH (NEFH) (NM_021076) Human 3' UTR Clone
Symbol:	NFH
Synonyms:	CMT2CC; NFH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_021076
Insert Size:	717 bp
Insert Sequence:	>SC207800 3'UTR clone of NM_021076 The sequence shown below is from the reference sequence of NM_021076. 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
ACAGAAGACAAGGCCGCCAAGGGGAAGTAAGGCAGGGAGAAAGGAACATCCGGAACAGCCAAAGAACT
CAGAAGAGTCCCGGAGCTCAAGGATCAGAGTAACACAATTTTCACTTTTCTGTCTTTATGTAAGAAGA
AACTGCTTAGATGACGGGGCCTCCTTCTCAAACAGGAATTTCTGTTAGCAATATGTTAGCAAGAGAGG
GCACTCCCAGGCCCTGCCCCAGGCCCTCCCCAGGCGATGGACAATTATGATAGCTTATGTAGCTGAA
TGTGATACATGCCGAATGCCACACGTAAACACTTGACTATAAAAACTGCCCCCTCTTTCCAAATAAG
TGCAATTTATTGCCTCTATGTGCAACTGACAGATGACCGCAATAATGAATGAGCAGTTAGAAATACATTA
TGCTTGAGATGTCTTAACCTATTCCAAATGCCTTCTGTTTTCCAAAGGAGTGGTCAAGCCCTTGCCCA
GAGCTCTCTATTCTGGAAGAGCGGTCCAGGTGGGGCCGGGACTGGCCACTGAATTATGCCAGGGCGCA
CTTCCACTGGAGTTCACCTTCAATTGCTTCTGTGCAATAAAACCAAGTGCTTATAAAATGAAAATGTT
GCTGCTGTATTCTTTCCCTGGGAAGGCTGGGGCAGGGCAGGGGAGGTCTGGATGTGACACCCCAAG
ACTGCATGGGACTGAGCAAGCATCAGT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCCTTCTATGAAAGG
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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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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:	<u>NM_021076.4</u>
Summary:	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 heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene. [provided by RefSeq, Oct 2008]
Locus ID:	4744
MW:	26.8