

Product datasheet for SC209754

Neurofibromin (NF1) (NM_001128147) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Neurofibromin (NF1) (NM_001128147) Human 3' UTR Clone
Symbol:	Neurofibromin
Synonyms:	NFNS; VRNF; WSS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001128147
Insert Size:	804 bp
Insert Sequence:	>SC209754 3'UTR clone of NM_001128147 The sequence shown below is from the reference sequence of NM_001128147. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
TTTAAATTTTATTTGTATTTTGTCTTGAAATATTAACCTCTGTAGTACTTAGTACATTGTAAACTTA
CACTTCCAAAGGTTTTATGGTTTTGTATTTTATTTGACTTCAAATTATTAGAATTTCTTGTTTTAACTG
TAAGAAAAGTATCACAGCAATTTAGAAAATAAATTTTAAGAATAGTGCTAAATTTTGTACCCCTAACAT
AAGTACTGTTGTTTGGTATATTACTTTTTTCAGATTTCAATGTGGTTACTACTGTATTTTAATAGATT
TTCATAGTTATAAGCCTAGAATGATAAAATTTTGAACAATACTGTTTTTTCAGTTTTTTGAACTATGA
TCTTTCATAAACTTTCTGTAATACCAATGCTTTTCGATGAATGAATTAATAATGGACACCTGCTTAGAAG
AAAAAATGTATGCAGAAATTTTGTGGTCTGCTTCTAGATTATACAAATCATTACATTTTAATGAGCAT
GAAGTCACCACACGGAGGAAATGTAAATGTGTAAACCTCAAGTTTGCCATTATCTTATAAGAATGGGT
GTGCTAAGTTACTTGGCAGCTGAATTAACCTTACTCTAGAGTAGTGCTGCCACTAGTAATATAATGA
GAACCCCATATGTTAAAACTTTTTTACTTACTACATTAAGAGTAAAAAGAAGCAGGTAAATTAATT
GTAATTATGTTTTGTTTAAACCGGTGTATATTCTATAATTTCAACATGTAATCAATATAAAAGTTAT
TAATGACATTTTCATTCTCTTTTTTAAATAAAGTCTTCAAACCTT
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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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:	<u>NM_001128147.3</u>
Summary:	This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	4763
MW:	32.4