

Product datasheet for **SC208880**

Neuraminidase (NEU1) (NM_000434) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Neuraminidase (NEU1) (NM_000434) Human 3' UTR Clone
Symbol:	Neuraminidase
Synonyms:	NANH; NEU; SIAL1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000434
Insert Size:	2000 bp



[View online »](#)

Insert Sequence: >SC208880 3'UTR clone of NM_000434
 The sequence shown below is from the reference sequence of NM_000434. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCCAAAATCAGTGTCTATGGGACACTCTGAGCTGTGCCACTGCCACAGGGTATTCTGCCTTCAGGACT
CTGCCTTCAGGAACACGGGTCTGTAGAGGGTCTGCTGGAGACGCCTGAAAGACAGTTCCATCTTCTTTT
AGACTCCAGCCTTGGCAAAATCACCTTCCCTTTACCAGGGAAATCACTTCTTTAGGACTGAAAGCTAG
GCGTCTCTCCCACAAAAAGTCTGCCCTCATCTGAGAATACTGTCTTTCCATATGGCTAAGTGTGGC
CCCACCACCTCTCTGCCCTCCCGGGACATTGATTGGTCTGTCTTGGGCAGGTCTAGTGAGCTGTAGA
ATTGAATCAATGTGAACCTAGGGAAGCTGGGGAAGGCTGAGCCTCCTCTTTGGTGTGCGGTAAGATAAC
CGACAGGGCTGGTAAAAGTCCCCAGATGGCAGGATATTTGGTTTCAGAGTAAGGACTAGGTGCACCACC
ATGACTGACTATCAATCAAAATGTTTGAACCTAAAATTTTTAATGAAGGATAATGAATATTTGTAGAG
TCTCTATGGTTCTGTCAATGCACATCTTCGTGTCTGTTTTCTCATGTATCCTTGTGAGCCTGGGTGAG
TTCTGGGGAGAGACCTGATGTGCGTACTGCCTGTGAAAATCTGACTTTGGCAAAATCAAAATCCTCTTTTC
CTTTTGACATGCCCTCTTTTTTTGTTGTTGCTTTTTTTGAGACAGGGCTCGCTCTGTCCACCAGGCTGG
AGTGCAGTTGCACAATCACGGCTCACTGAAGCCTCAACCTCCTGGGCTCAAGTGATCCTCACGTCTCAG
CCTCCGGAGTAGTTGGGACTACAGGTCACTGACACCATGCCTGGTTAATTTTTTAAATTTTTATTTTCA
GTAGAGACAAGTTGCGCTATGTTGCCAGGCTGGTATGGAACCTCTGTGCTTAAGCAATCCTCATGCC
TCAGTTCCTCCAAAGTCTGAGGTTACAGCTATGAGCCACCGCACCAGCCTACATTCCTTCTTATCACC
GAGAAAACAGTTGATCTTCACAGGTGAATGAGTATGAAGGGAGTGCCATAAGATATTTTTTATTTTTT
ATTTATTTATTTTTTAAATTTAATTTTTTTTTTTTTTTTGGAGATGGAGTCTTGCTCTGGCACCCAGGCTAGAG
TGCAAGTGGTGCATCTCGGCTCACTGCAACCTCTGCCTCCAGGTTCAAGCGATTCTTCTGCCTCAGCT
TCCCGAATAGCTGGGATTACAGGTGCCACCACCACCCGGCTAATTTTTGTATTTTTAGTAGAGACG
GAGTTTACCATGTTGGCCAGGCTGGTCTCAAACCTCCTGGCCTCAGGTGATCCACCCGCCTCGGCCCTCC
CAAAGTGTGTGATTACAAGCATGAGCCATGGTGCCGGCGGGCTGATTTTTTAAATTTTTTAGTAGAGAC
AAAGTCTCACTATATTGCCTAGGTTGGTCTCAAACCTGCTGAGCTCAAGCAATCTGCCGGCCATGTTCTC
TCAAAGTCTGGGATTACAGGCTTGAGCCCTGCACCCAGCCTGTAAGATATTTTAAAATCCACACTTG
GCCAAGCGTGGTGGCTCACACATATAATCCAGCACTTTGGGAGGCCAAGGTGGGCGGATACAAGGTC
AGGAGTTCGAGACCAGCCTGGCCAATATGGTGAATCCCATCTCTACTAAAAATACAAAACTAGCCAG
GCGTGTGGCTTACACTTATAGTCCCAGCTACTCAGGTGGCTGAGGCAGGAGAATCACTTGAACCAGGA
GGCGGAGTTTGCAGTGAGCTGAGATCACAGCACTGCACACCAGCCTCGGCAACAGAGTGAGACTCCGTC
TGAAAAAATAAATCCACGCTGTTTTATATTTCTAACATGGGGTAGGATACCATCCTCCATGAAATAG
GGTGCAAGTGTGTGAAATGCAGATGGGAATCCTGTCCCAGCTAGCCTGACAGAGAAGTGAGCACTTCC
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_000434.4](#)

Summary:

The protein encoded by this gene is a lysosomal enzyme that cleaves terminal sialic acid residues from substrates such as glycoproteins and glycolipids. In the lysosome, this enzyme is part of a heterotrimeric complex together with beta-galactosidase and cathepsin A (the latter is also referred to as 'protective protein'). Mutations in this gene can lead to sialidosis, a lysosomal storage disease that can be type 1 (cherry red spot-myoclonus syndrome or normosomatic type), which is late-onset, or type 2 (the dysmorphic type), which occurs at an earlier age with increased severity. [provided by RefSeq, Jul 2008]

Locus ID:

4758

MW:

73.3