

## Product datasheet for **SC216173**

### GFAP (NM\_002055) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	GFAP (NM_002055) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	GFAP
Synonyms:	ALXDRD
ACCN:	NM_002055
Insert Size:	2000 bp



[View online »](#)

**Insert Sequence:**

>SC216173 3'UTR clone of NM\_002055

The sequence shown below is from the reference sequence of NM\_002055. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

```

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TCCAAGCAGGAGCACAAGGATGTGATGTAGGCAGGACCCACCTGGTGGCCTCTGCCCGTCTCATGAG
GGGCCCCGAGCAGAAGCAGGATAGTTGCTCCGCCTCTGCTGGCACATTTCCCAGACCTGAGCTCCCCAC
CACCCAGCTGCTCCCCTCCCTCCTCTGTCCCTAGGTCAGCTTGTGCCCTAGGCTCCGTGAGTATCAG
GCCTGCCAGACGGCACCCACCCAGCACCCAGCAACTCCAATAACAAGAACTCACCCCCAAGGGGCAG
TCTGGAGGGGCATGGCCAGCAGCTTGCCTTAGAATGAGGAGGAAGGAGAGAAGGGGAGGAGGGCGGGG
GCACCTACTACATCGCCCTCCACATCCCTGATTCTGTGTTATGGAACTGTTGCCAGAGATGGAGGT
TCTCTCGGAGTATCTGGAACTGTGCCTTTGAGTTTCTCAGGCTGCTGGAGGAAAAGTACTGAGACTCAGA
CAGGAAAGGGAAGGCCCCACAGACAAGGTAGCCCTGGCCAGAGGCTTGTGTTTGTCTTTTGGTTTTATG
AGGTGGGATATCCCTATGCTGCCTAGGCTGACCTTGAACCTCTGGGCTCAAGCAGTCTACCCACCTCAG
CCTCCTGTGTAGCTGGGATTATAGATTGGAGCCACCATGCCAGCTCAGAGGGTTGTTCTCTAGACTG
ACCTGATCAGTCTAAGATGGGTGGGACGTCCTGCCACCTGGGGCAGTCACTGCCAGATCCCAGAA
GGACCTCTGAGCGATGACTCAAGTGTCTCAGTCCACCTGAGCTGCCATCCAGGGATGCCATCTGTGGG
CACGCTGTGGGCAGGTGGGAGCTTATTCTCAGCACTTGGGGATCTGTTGTGTACGTGGAGAGGGATG
AGGTGCTGGGAGGGATAGAGGGGGGCTGCCTGGCCCCAGCTGTGGGTACAGAGAGGTCAAGCCCAGGA
GGACTGCCCGTGCACTGGAGGGGACGCTGGTAGAGATGGAGGAGGAGCAATTGGGATGGCGCTAG
GCATACAAGTAGGGTTGTGGTGACCACTTGCCTTGGCCTCTGGATTGTGGGAATTAAGGAAGTGAC
TCATCCTTTGAAGATGCTGAAACAGGAGAGAAAGGGGATGTATCCATGGGGCAGGGCATGACTTTGT
CCCATTTCTAAAGCCTCTTCTTGTGTGCATACCAGGCCGCCAGCCTCTGAGCCCTGGGACTG
CTGCTTCTTAACCCAGTAAGCCACTGCCACAGTCTGACCCTCTCCACCCATAGTGACCGGCTGCTT
TTCCCTAAGCCAAGGGCCTCTTGCCTCCCTTCTTACTCACACAAAAATGTACCCAGTATTCTAGGTA
GTGCCCTATTTACAATTGTAAGTAACTGAGGCACGAGCAAAGTGAAGACTGGCTCATATCCTGCAGC
CTGGAGGCCGGTCTCAGGGCTGACACGTCACCCAGTGCACCCACTGCTTTGACTGAGCAGACT
GGTGAGCAGACTGGTGGATCTGTGCCAGAGATGGGACTGGGAGGGCCCACTCAGGGTCTCCTCTC
CCCTAAGGCCAAGAAGGGTCTTCCCTCTCCCAAGACTTGGTGTCTTTCCCTCCACTCCTTCTC
GCCACCTGCTGCTGCTGCTGCTAATCTCAGGGCACTGCTGCTGCCTTTAGTCGCTGAGGAAAAT
AAAGACAATGCTGCGCCCTTCCCAGAGTGGACTCTGATCTGTTTATGAGAGGGCGGGACTGGGGCCA
AGATGTAGCCTTTGACAAGACCAACTATTCTTATTACTGATCATCTCTGGGGCCCATGCCCTACCA
AATTCCACCCGACGCAAGAGGACATACACCAGCTCCCTCCACTCTTTTCTTCTTCTCCTGCT
ACCTGCAACTCAACCAGCACAATCTTATAGGCAAGAAAGCAAAGCAGCTCAAACATGATTCAACT
ACGCGTAAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
    
```

**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).

**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\\_002055.5](#)

**Summary:** This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]

**Locus ID:** 2670

**MW:** 72.3