

Product datasheet for **RN206398**

Gfap (NM_017009) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gfap (NM_017009) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gfap
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN206398 representing NM_017009 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCGGAGACGTATCACCTCTGCACGCCGCTCCTATGCCTCCTCCGAGACGATGGTCAGGGGCCATG
GTCCTACCAGACACCTGGGTACCATTCCGCGCCTCTCCCTGTCTCGAATGACGCCTCCACTCCCTGCCAG
GGTAGACTTCTCCCTGGCCGGGGCGCTCAATGCCGGCTTCAAAGAGACTCGGGCCAGCGAGCGTCCGGAG
ATGATGGAGCTCAATGACCGCTTGGCTAGCTACATCGAGAAGGTCGGCTTCTGGAACAGCAAAACAAGG
CGCTGGCAGCTGAGCTGAACCAGCTTCGAGCCAAGGAGCCACCAAACTGGCTGACGTTTACCAGGCAGA
ACTTCGGGAGCTGCGGCTGCGTCTGGACCAGCTTACTACCAACAGTGCCCGGCTGGAGGTGGAGAGGGAC
AATCTCACACAGGACCTCGGCACCCTGAGGCAGAAGCTCCAAGATGAAACCAACCTGAGGCTGGAGGCGG
AGAACAACCTGGCTGTGTACAGACAGGAGGCGGATGAAGCCACCTGGCTCGTGTGGATCTGGAGAGGAA
GGTTGAGTCGCTGGAGGAGGAGATCCAGTTCTTGAGGAAGATCCATGAGGAGGAAGTTGAGAACTCCAG
GAGCAGCTGGCCAGCAGCAGGTCCACGTGGAGATGGATGTGGCCAAGCCAGACCTCACAGCGGCTCTGA
GAGAGATTGCACTCAGTACGAGGCAGTGGCCACCAGTAACATGCAAGAAACAGAAGAGTGGTATCGGTC
CAAGTTTGCAGACCTCACAGACGTTGCTTCCCGCAACGCAGAGCTGCTCCGCCAGGCCAAGCAGGAGGCT
AATGACTATCGCCGCAACTGCAGGCCTTGACCTGCGACCTTGAGTCCTTGCAGCCACGAAACGAGTCCCT
TGGAGAGGCAAAATGCGCGAACAGGAGGAGCGCCACGCGCGGGAGTCCGGCAGTTACCAGGAGGCACTCGC
TCGGCTGGAGGAGGAGGGCCAAAGCCTCAAGGAGGAGATGGCCCGCCACCTGCAGGAGTACCAGGATCTA
CTCAACGTTAAGCTAGCCTGGACATCGAGATCGCCACCTACAGGAAATTGCTGGAGGGCGAAGAAAACC
GCATCACCATTCTGTACAGACTTTCTCCAACCTCCAGATCCGAGAAACCAGCCTGGACACCAAACTGTG
GTCAGAAGGCCACCTCAAGAGGAACATCGTGGTAAAGACGGTGGAGATGCCGGATGGCGAGGTCATTAAG
GAGTCGAAGCAGGAGCACCAAGGATGTGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



[View online »](#)

ACCN:	NM_017009
Insert Size:	1293 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_017009.2</u> , <u>NP_058705.2</u>
RefSeq Size:	2714 bp
RefSeq ORF:	1293 bp
Locus ID:	24387
UniProt ID:	<u>P47819</u>
Cytogenetics:	10q32.1
Gene Summary:	intermediate filament protein specific for astrocytes [RGD, Feb 2006]