

Product datasheet for **RN201191**

Gsap (NM_001107845) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gsap (NM_001107845) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gsap
Synonyms:	Pion
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201191 representing NM_001107845
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTGCGGCTGGTCACCCACTTCGACGTGCTGGCGGACGTGCTCCCGAGTCTGCTCGTCCAGGCAG
 CGACAGCAGATGAAGGAGACGAAGGCGCAGAACTCTTGGGAGCTTACGTGTACTAAACATCGAAAG
 AAATGGAGACATTATTTATACCTATAAGGACAACAAAGGAAATGCGGTCTTCGGAATATTTGACTGCCAA
 ACCAGAGAAAAATGAGCATCTGTACACCTTCGAGAAGGACATGCAAGCTGTGAGTTGCTCAGTCAACAGCG
 AGAGGACAGTGTGCTGCAAGCTTCATTAGTACACGGAAGGAGTAAGGAGTGAAGTTCAGCCAGGATC
 GAAGTGTCTAACTTTGCTGGTTGAAATCCACCCTGTCAACAACGTGACGGTTCTGAAAGCTGTGGATAGC
 TGGCTTTGGGTACAGTTCCTCTACCCACAAGCTGAAAGTCATCTTCTGCACAGAACACCTGTTACTGA
 TTTCAGAGAGAAATATATTGAACGGTTTCATATCCAGATCACCAGAGAAGATGGAACAGAGTGGTAAT
 TAGAAATTCTAGCCATCTCCCAAGAGAAAGAATAGCTGAAGACTTCGTTTGGGCTCAGTGGGATGTGTCA
 GAGCAGAGAATCCACTACATTGAACTGCAGGAGTCAAGGAGTATCTTGAAATGCGTCCAGTTCTGGGCAG
 ATGAAAGCTTTACCATAATGTTTGAAATGCCCTTGGACATATCATTAAAGTGGCTTGAGATTTAAACTCGT
 CAACTTCGGCTATGATTATCGTCAAGACCAAGCAAGCTTTGCCATCAGCCATCCCTCTGCATTTTACC
 AACCACACAGGGAGTTTGTGTGTGTACAGCCGAAGTCTGACTCTTGGAAGAAATCACGATTCAG
 TGTTTTACCTCCATAAAGGCTACTTTGTGGCTGTTTATCCCCCTGCCGTTTCTTCATTTACTTAACAT
 TCGGCATCCAGACTTGATCTGCCACAGTCTGTTTCTCACAGGAACAACAAACGGCCGCTGTGTACCT
 CCGAGTCTTTGAGTCCCTGCCGGGTCCCTCATTCTGGACTGCTCTTCTGGAAGGTCTATAGAGCAA
 CTCTTGACCACTCATCTTGATGGGTTTCTGTGGAACGCCAGCTAGACTGTGAGAAAATGGCTGCGCT
 GCATTGTGCACTGTCCTGTGATTACAGCCAGGTTTCCAGAACAGATCGTTTCAAGTGGGTTTCTGAGCGT
 GTCTCTGCCTGCCATTCTTTGACCTCATTCAAGAATTCCTAATTGCGTCTCTCTATTGGAGTGTGTATC
 CAGGGCTGGATGACGTGGACCTGCTCTTACCCTACTCTCTGTGCTGACATGGGACACAGAAATCCTGG
 AATGAAGCTTGACAGAGAGCTCCCGTTACCTCTTATGAAGGTCTACAGCTTGAAGGGTACTGGGCA
 AAGCTGAACCTCAACCTCGAGTATATTAAGTACACCAAGCCTCACCTGCACTACCACAACAGCGTCGTGA
 GGAGAGAGTGGCATAACCTGATCTCTGAAGAGAGAACGGGAAAAAGGAGGTCCACAATGTACGTAGGAA
 CATTCTTGACAACGCTGTGAAGGTGATTCTAACATGGAATGAAACATTGAGCCAAGGTTAATACCC
 CTCTTACAAGAGGAAGACAGGCACAGAGGCTGCTCATGGCCTGATGGTGTCTGAGCTAAGAGACCATC
 TACTGAGACACCTGCAGGGTGTAGAAAAGAAGAAATGAACAGATGGTTCTGGACTACATTTCAAACCT
 GGTGTTTTACTTTTTCTTCTAATTTCAACTGTCTCCTTAGCCCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001107845

Insert Size: 1869 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:

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: NM_001107845.1, NP_001101315.1

RefSeq Size: 3088 bp

RefSeq ORF: 1869 bp

Locus ID: 311984

Cytogenetics: 4q11