

Product datasheet for **RN200449**

Stat1 (NM_032612) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stat1 (NM_032612) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stat1
Synonyms:	DD6G4-4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN200449 representing NM_032612
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCGCAGTGGTACGAGCTTCAGCAGCTGGACTCCAAGTTCCTGGAGCAGGTGCACCAGCTGTACGATG
 ACAGTTTCCCATGGAAATCAGACAGTACTGGCCAGTGGCTAGAAAAGCAAGACTGGGAGCATGCTGC
 CTACGACGTCTCGTTCGCCACCATCCGCTTCCATGACCTGCTCTCCAGCTGGATGACCAGTACAGCCGC
 TTTTCTTTGGAGAATAATTTCTTGTTCAGCACAACATAAGGAAAAGCAAGCGTAATCTCCAGGATAACT
 TCCAAGAAGATCCCGTACAGATGCCATGATTATCCACAACCTGTCTGAAGGAGGAGGAAGATTTTGGAA
 AACGCCAGCGATTTAATCAGGCCCAGGAGGAAATATTCAGAACACCGTGATGTTAGATAAACAGAAG
 GAGCTGGACAGTAAAGTCAGAAATGTGAAGGACCAAGTCATGTGCATAGAGCATGAAATCAAGACCCTAG
 AAGACTTACAAGATGAATATGACTTTAAATGCAAAACCTCTCAGAACAGAGAAAGCGAAGCCAATGGTGT
 GCGAAGAGCGACCAGAAACAGGAACAGCTGCTGCTGCATAAGATGTTCTTAATGCTTGACAACAAGAGA
 AAGGAGATAATTCACAAAATCAGAGAGCTGCTGAACTCCATCGAGCTCACTCAGAACACTCTGATTAATG
 ATGAGCTTGTGGAGTGGAAAGCAAGACAGCAGAGTGCCTGCATTGGGGGACCGCCCAATGCCTGCCTGGA
 TCAGCTGCAAAGCTGTTTACCATTGTTGCAGAGAGCCTGCAGCAGGTCCGTGAGCAGCTTAAAAAGCTG
 GAGGAGTTGGAACAGAAATTCACCTATGAGCAGGACCCTATTACAAAAACAAGCAGGTGTTATCCGATC
 GCACCTTCGTCTCTTCCAGCAGCTCATTAGAGCTCCTTTGGTGGAAACGACAGCCGTGCATGCCAAC
 TCACCTCAGAGGCCCTGGTCTTGAAGACTGGGTACAGTTCAGTGTGAAGCTGAGACTGTTGGTGA
 TTGCAAGAAGTGAACATAAATGAAAGTGAAGTCTCATTGACAAAGATGTGAACGAGAAAAACACAG
 TGAAGGATCCGGAAGTCAACATCTTGGTACTCACACAAAAGTGAACATGGAAGAATCCACCAA
 CGGAAGTTTGGCAGCTGAGTTCGACACCTGCAACTGAAGGAACAGAAAAATGCTGGGAACAGAACCAAT
 GAGGGTCTCTCATTGTACCGAAGAATTCACTCTTCTAGCTTTGAAACCCAGTTGTGCCAGCCAGGCT
 TGGTGATTGACCTTGAGACCACCTCTTCCCGTCTGTTGATCTCCAATGTCAGCCAGCTCCCCAGTGG
 CTGGGCTTCTATCCTGTGGTACAACATGCTGGTGACAGAGCCAGGAATCTCTCTTCTTCTGAACCCC
 CCGTGTGCGTGGTCCAGCTCTCAGAGGTGCTGAGTTGGCAGTTTTCGTCAGTCACCAAGAGAGGTC
 TCAACGCTGACCAGCTGAGCATGCTGGGGAGAAGCTTCTGGCCCTAATGCTGGCCCTGATGGTCTTAT
 TCCATGGACAAGTTCTGTAAGGAAAATATTAACGATAAGAATTTCTCTTCTGGCCTTGGATTGACACC
 ATCCTAGAAGTCAATTAAGAAGCACCTGCTTGGCTCTGGAATGATGGGTGCATCATGGGCTTTATCAGCA
 AGGAGCGAGAACGTGCTCTGCTCAAGGACCAGCAGCCCGGACGTTCTCTGCTTAGGTTAGTGGAGGCTC
 CCGGAAGGGGCCATCACATTACATGGGTGGAACGGTCCCAAAATGGAGGTGAACCCGACTTCCATGCT
 GTTGAGCCCTACACGAAGAAAGAACTTTAGCTGTTACTTTCCAGATATTATTGCAATTACAAAGTCA
 TGGCTGCTGAGAAATACACAGAGAATCCCTGAAGTATCTGTATCCCAATATTGACAAAGACCATGCCTT
 CCGGAAGTACTACTCCAGGCCAAAGGAAGCACCAGAACCAGTGGAGCTCGATGACCCTAAGAGAAGTGA
 TACATCAAGACTGAGTTGATTTCTGTGTCTGAAGTCCACCCTTCTAGACTTCAGAGCACAGAAAACCTGC
 TTCCATGTCTCCAGAGGAGTTTGACGAGATGTCCAAGATAGTGGGCTCTGAATTTGACAGTATGATGAG
 CGCAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_032612
Insert Size: 2250 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:	NM_032612.3 , NP_116001.2
RefSeq Size:	4102 bp
RefSeq ORF:	2250 bp
Locus ID:	25124
Cytogenetics:	9q22
Gene Summary:	component of the IFN-gamma receptor signaling pathway and other signaling pathways; plays a role in development of cytokine resistance [RGD, Feb 2006] Transcript Variant: This variant (alpha) represents the longer transcript and encodes the longer isoform (alpha).