

Product datasheet for **RN211841**

Gspt2 (NM_001109319) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gspt2 (NM_001109319) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gspt2
Synonyms:	RGD1563213
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN211841 representing NM_001109319
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGATCTCGGCAGCAGCAGCGACTCGGCTCCCGACTGCTGGGATCAGGTGGACATGGAAGCCCCGGTT
 CGGCTCCGAGCGGGGATGAAATCGCCCCCGCAGCCACGGCAGCGGCTGAGGCCGCGGAAGCCGAGGCCCA
 GCGCAGGCATCTCAGCTTGGCCTTCAGCAGTCAGCTCAACATCAACGCCAAACCTTTCTGTCCTAGCGTA
 AGCGCAGCGGAGTTCGTGCCGTCTTCTGCCCCGATCGGCCAGCTGCCCGCCCCACAGCCTCCAGCT
 GCGACGAAACCTGCATCGGTGGCGCCGCGGAGCCTCAAGGTAAAAGGATGGAATGGGAGCACCTGTGGA
 ACCTTCCAAGATGGACCTTTAGTGTCTGGGAGGTTCCAATTCAGCTGTTACCATGGAACCTTTCAGAA
 CCTGTTGTAGAAAATGGAGAGGTGGAGATGGCCCTGGAAGAATCGTGGGAGCTTAAAGAAGTAAGTGAAG
 CAGCGCCTGAGGGTTCTTTGGGAGATGTAGGGCCCCCAGAAGAGAGTGGCAAGGAAGTATGGAGGAGAA
 AGAGGAAATAAGGAAATCAAAATCTGTGGTCAGACCATCAGGTGCTCCTAAGAAAGAACACGTAAATGTG
 GTGTTTCATTGGGCATGTAGATGCCGGCAAGTCAACCATTTGGAGGACAGATAATGTTTTTGACAGGAATGG
 TTGACAGAAGGACACTTGAGAAATACGAACGAGAAGCTAAGGAGAAGAATAGAGAGACCTGGTACTTGTC
 CTGGGCCTTAGATACAAACCAGGAAGAACGAGACAAGGGTAAAACAGTGGAAAGTGGGCCGTGCATATTTT
 GAAACAGAAAAGAAACATTTCACAATCTTAGATGCCCTGGCCACAAGAGTTTTGTCCCAATATGATTG
 GTGGTGCTTCTCAAGCTGATTTAGCCGTGCTGGTCATCTCTGCCAGGAAAGGAGAATTTGAAACTGGGT
 TGAAAAAGGTGGCAGACAAGAGAGCATGCAATGTTGGCCAAAACAGCAGGGGTGAAATACTTAATAGTG
 CTGATTAATAAGATGGATGATCCACAGTAGATTGGAGCAGTGAGCGATACGAAGAATGTAAAGAGAAAC
 TGGTGCCCTTTTTGAAAAAGTTGGATTTCAGTCCAAAAAGGACATTCATTTATGCCCTGCTCAGGACT
 GACTGGAGCAAAATATTAAGAGCAATCCGATTTCTGTCCCTGGTACACTGGGTTACCATTTATTCCATAT
 TTGGATAGTTTGCCAACTTCAACAGATCAATTGATGGGCCAATTAGGTTGCCATTGTGGATAAGTACA
 AGGATATGGGCACTGTGGTCTGGGAAAGCTGGAATCAGGGTCCATTTTTAAAGGCCAGCAGCTTGAAT
 GATGCCGAACAAGCACAGTGTGGAAGTTCTAGGAATAGTTCCGATGATGCTGAGACTGATTTTGTAGCT
 CCAGGTGAAAACCTCAAAATCAGACTGAAAGGAATCGAAGAAGAAGAGATTCTCCGGGCTTCATACTTT
 GTGAACCAATAATCTCTGCCATTCTGGACGCACATTTGATGTTTCAGATAGTGATCATTGAGCACAAGTC
 TATCATCTGCCAGGTTACAATCGGTGCTTCACATTCATACGTGTATAGAGGAGGTGAGATAACAGCC
 TTGATCTCCTTGGTAGACAAAAGTCAAGAGAAAAAGCAAGACACGGCCCCGCTTTGTGAAGCAAGATC
 AAGTGTGATTGCCCGTTAAGGACAGCAGGAATATCTGCCTGGAGACGTTTAAAGATTTCTCAGAT
 GGGTCGTTTTACTTTAAGAGATGAGGAAAGACCATCGCGATTGGAAGTTCTGAAGCTGGTCCCAGAG
 AAGGACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001109319

Insert Size: 1899 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_001109319.1, NP_001102789.1

RefSeq Size: 2522 bp

RefSeq ORF: 1899 bp

Locus ID: 501582

Cytogenetics: Xq22