

Product datasheet for **RN215669**

Gspt1 (NM_001003978) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gspt1 (NM_001003978) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gspt1
Synonyms:	MGC94063
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215669 representing NM_001003978
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATCCAGCAGCGGAGGTGGTGGCGGAGCGCGCGCGCGCGGGGAGCAGCAGCAGCAGTACGG
 ACTCTGCGCCGACTGCTGGGACCAGACCGATATGGAGGCTCCCGGGCCGGGCCTTGGCGCGGTGGCTC
 CATGGCCGCGGTGGCCGAGGCCAGCGTGAGAACCCTCAGCGCGGCTTTCAGCCGGCAACTCAACGTC AAC
 GCCAAGCCCTTCGTCCTCAACGTCACGCGCGGAATTCGTGCCGTCTTCTGCGAGGTCGGGCCAGC
 CGCCGCTATCCCGGCTGGCGCGCCGGCGGTGACCACGAGCGGGCAGCAGCGCGGAGGCCCTTCGGA
 ACCTGTGGAGTCTCTCAAGAGCAGTCATTGTGTGAAGTTCAAATCTACTGTTAGCATGGAACTTTCA
 GAACCTGTTGTAGAAAATGGAGAGACAGAAATGTCCCAGAAGAATCATGGGAGCACAAGAAGAAATAA
 GTGAAGCCGAGCCAGCAGGTGGTGGTTCCTCAGGAGATGGAAGGCCACCAGAGAAAGCACCCAAGAAAT
 GATGGAGGAGGAAGAAGAAATACCAAACTAAGTCAGTGGTGGCACCACCAGGCGCTCCTAAGAAAGAG
 CATGTAATGTAGTGTTCATCGGCATGTGGATGCTGGCAAGTCAACCATTGGAGGACAAAATAATGTATT
 TGAATGGAATGGTTCGACAAAAGAACACTTGAGAAATATGAACGAGAAGCTAAAGAAAAAACAGAGAAAC
 TTGGTACTTGTCTGGGCCTTAGACACAAATCAGGAAGAGCGAGACAAGGGTAAAACAGTAGAGGTGGGC
 CGTGCCTATTTTAAACGGAAAAAAGCATTTTACAATCCTAGATGCTCCTGGCCATAAGAGTTTTGTCC
 CAAATATGATTGGTGGTCCCTCAAGCTGACTTGGCTGTACTGGTAATCTCAGCCCGAAAAGGAGAGTT
 TGAACCTGGATTTGAAAAAGGAGGACAGACAAGAGAATGCGATGTTGGCAAAGACAGCAGGTGTCAA
 CACTTAATCGTGCTTATTAATAAGATGGATGATCCAACAGTAACTGGAGCAATGAGAGATGAAGAAT
 GCAAAGAGAAAATTAATACCATTTTTAAAGAAAGTTGGCTTCAATCCCAAAAAGGACATTTTATGCC
 CTGCTCAGGACTGACAGGAGCAAATCTTAAGAGCAATCAGATTTCTGTCCTTGGTACATTGGCTTACCA
 TTTATTCCATATCTGGATAATTTGCCAACTTCAATAGATCAGTTGATGGACCAATCAGGCTGCCAATTG
 TGGATAAGTACAAGGATATGGGGACTGTGGTCTGGGAAAGCTGGAATCTGGATCCATCTGTAAAGGCCA
 GCAGCTCGTAATGATGCCAATAAGCACACGTTGGAGTCTTGGAACTTTCTGATGATGTAGAGACG
 GACTCTGTAGCTCCAGGTAAAACCTCAAAATCAGACTGAAAGGGATTGAAGAGGAAGAGATTCTCCAG
 GATTCATCCTCTGTGATCTTAATAATCTTTGTCATTCTGGACGCACATTCGATGCCAGATAGTGATTAT
 AGAGCACAAAGTCCATCATCTGCCAGGGTATAATGCGGTGCTGCACATTCACACCTGTATCGAGGAAGTC
 GAGATAACGGCCTTAATCTGCTTGGTAGACAAAAAATCAGGAGAAAAAGTAAGACTCGACCCCGTTTTG
 TAAAGCAAGATCAAGTATGCATTGCTCGTTAAGGACAGCAGGAACCATCTGCCTGGAGACCTTTAAGGA
 CTTCCCTCAGATGGGACGTTTTACCTTAAGAGATGAAGGTAAGACCATTGCAATTGGAAAAGTTCTGAAA
 CTGTTCCAGAGAAAGACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001003978
- Insert Size:** 1911 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_001003978.1](#), [NP_001003978.1](#)

RefSeq Size: 2568 bp

RefSeq ORF: 1911 bp

Locus ID: 24420

Cytogenetics: 10q11

Gene Summary: human homolog plays a role in translational elongation and in regulation of apoptosis [RGD, Feb 2006]