

Product datasheet for **RN201325**

Supg2 (NM_001108397) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Supg2 (NM_001108397) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Supg2
Synonyms:	Sfrs14; Srsf14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201325 representing NM_001108397 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCAGCAAGGCGGATGGCACAGGAATCTTTGGACACCGTTCTACAGGATAAATCTAAACGGTACGGG
ATTCCGAGGCTGTTGGTGAAGCTCTCCATCTTAAAGCTCAAGATCTTTACGGACAGGCTCCAGAGCCAG
AGCAGATGTCTATGAGGACATCCATGGTGACAGCAGGTGCTCTGTCAGCGGATCTGCAGTGTACTCACTA
GACCTGGGAAGAGAGGGTCTGAGAGGTGACATGTTTGTGGACCCCTCTTCAGATCTAGCAACCACTCAG
TTGGCGAGGACAGCTATCTTCGAAAAGAATGTGGCCGGGATCTGGAACCAAGCCCATACTGACTCCCGGGA
CCAGAGTTTTGGCCATCGGAATCTGGGACATTTTCCTTCTCAGGACTGGAACTTGCGCTCCGTGGCTCT
TGGGAACAAGACCTGGGCCACTCAGTTTCTCAAGAATCCTCTGGTCACAAGAATATGGTTTTGGGCCCT
CTTTGTTAGGAGACTTGGCCTCCTCTAGGCGGATGGAGAAAGAAAGTCGGGATTTTGACCTGGACCATCC
TGGAGAGGTGGACTCTGTGTCTAGAAGCAGTGGGCAAGTCCTGGCCAGAGGCCGGTCTCTAAATATGGCT
GACCAGGAAGGCACTCTAATAGGAAAAGGGGACACTCAGGGCCTGCTTGGAGCAAAGGTGTTGGGAAGC
TTATCACACTGAAAAGCATGACCACGAAGAAAATACCTGTTGTGAGTCGTATTACTTCAAACCTCAGGG
CACTAACCAATCCAGAAAGCCGCCCAAGTCCTGATGTGACTGTTGGGCAAGTCCAGTGCTGGATGAA
ATCCAGTTCGCCGCTCTGAAGATTCCTTGGGGATGGACCTCAGGACCTCAGCTTCCCTAGAAGAAAGC
TGGGTTTTGATGCCATAGACAAGGCAGATGTGTTCTCAAGGTTCCGCATAGAGATCATCAAGTGGGCAGG
GTTCCACACTATCAAGGATGACCTCAAGTTCTCCAGCTCTTCCAGACTCTGTTTGAAGTGGAACTGAG
ACCTGTGCCAAGATGCTGGCCTCCTTCAAATGCTCCTTGAAGCCAGAGCACAGAGATTTCTGCTTTTTTA
CCATCAAGTTTCTAAAGCACTCTGCTCTGAAAACGCCCGAGTTGATAATGAGTTTTTAAACATGCTTTT
AGACAAAGGTGCTGTGAAGACCAAAACTGCTTTTTTGAATCATCAAGCCCTTCGACAAGTATATCATG
CGGCTCCAGGATCGGCTGCTGAAGGGCGTTACGCCCTTACTCATGGCCTGTAATGCCTATGAGCTGAGTG
TCAAGATGAAGACCTCACCAGCCGCTGGACCTGGCCGTGGCCCTGGAGACCACCAACTCTTTTGCAA
GAAGTCTCTGGCACTCTTAGGCCAGACCTTCTCCTTGCTTCTCCTCCGGCAGGAGAAGATCCTAGAG



[View online »](#)

GCTGTGGGCTTCAAGACATCGCCCATCTCCAGCTTACTTCCCAAATTTGAGGACTCCACTTTGTTCTG
 GAAGGGAGTACATAGACCACCTGAAGGCCTGGCTCATGGCCAGTGGCTATCCCCTCCAGGTCAAGAGGGC
 TGTGCCCCCAGAGCCCCGAGAACAGAAAACACAGCTCAAACCTGGGCTGCAAGCACTCTGAGCCAAGCA
 GTTCCCCAGCGGGCAGATCACAGGGTGGTGACACCATTGACCAGCTTGTATGCGTGTCTATCCAAGGAA
 GGCTATCTCCAGAGAGAGGACACTTCTCTGCAGGACCTGCTTACTGGTTTCTGTCTGATGAGAGCAG
 CCTGGAGTATAAGTACTACAAGCTGAAGTTGGCAGAGTACAGCGACTGAACCACAGCTGGCCCATCGTA
 GAGCGGAGGCCCCACGCCAGCACAGTGTGCAGTGCCTGCCATGCTGTATGCACAAGCTGTGCGAAGCCTCA
 AGCGCAGACTCCTCCCATGGCAGCGCAGGCGGCTGCTTCGTTCCAGGGTCTCGGGGCCTGAAGCCCAA
 GAAAGCCACCACTGCCAGCAGATATCCCTGCTCAGGCACTCGGCTAAACACCATGGCCGACAGGCC
 TCTGGCTCCTTGAGGGTAAAGCCACCACCGGGATTCAAGTGATGCTGCCAGGACTGCCTACCAGAGC
 CTGCCAAACCCTGTGCTCAGCCCTCCAGCCCTGGAGCCTTGGGCCATCTCCTCAGCCAGCAGCAGGGGA
 TGACTCGAAGCCCTGCCAGCCTTCTCGATGCTCCTCTGCTAATATGGATGCAAAGACCATGGAGACT
 GCTGAGAAGCTGGCCAGATTTGTGGCTCAGGTTGGCCCTGAGATTGAGCAGTTCAGCATAGAGAACAGCA
 CTGACAACCCTGACCTGTGGTTCTGCTGACGAGCAGCTCAGCTTTCAAGTTCTACCGAGAGAAGGT
 GCTGGAAGTGTGCCATCCATCTCTTCCAATCCACGGGTGAGGCTGGGACTCAGTACAGAGTCCACA
 GCTGGCAAGGAGGGTAAGGGTGAGCCAGAGGAGGGTCGCCCTGAGCAGGAGGCTGCACTGGAGGGCTCTG
 AGGTGCTGCCTGAGGAGGAAGAGGAAGATGAGGAGGAAAGCGAGGAGGACGAGGGCGAGAGGAGACCTG
 CACTCTGACACCACAGACAGGAGCTGCCAAGTGTCCGGGCTCTGAGGGCAGTTCCCTACTGAAAGCATC
 CCTGGAGAGGGGGCCAGGGAAGACCAGGCTGGCACCCCTGGCCTGTACAGGCCTCTTCTGGCAGCTGCT
 TTCCTAGGAAGAGAATCAGCAGCAAGTCGCTGAAAGTTGGCATGATCCCTGCCCAAAGAGGGTGTGTCT
 CATCCAGGAGTCAAAGGTTACGAACAGGTTGCAATTGCCTACGACAGGCCTCGGGTCTGCTCCATAGCC
 AAAAGAAGAAACCAAGGACCTGGAGTTTCCAGCAGAACTGACAGACAAGAAGCTGGGCTTCCAGA
 TGCTGCAGAAGATGGGCTGGAAGGAAGGCCACGGCTGGGCTCCCTTGGGAAGGGCATCCGAGAGCCGT
 CAGCGTGGGACTCTCTCAGAAGGAGAGGGCCTGGGAGCTGATGGACCTGAGCAGAAAGAAGACACCTTT
 GACGTCTTCCGCCAGCGATGATGCAAATGTACAGACACAAACGGGCCAGCAAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-MluI

ACCN:

NM_001108397

Insert Size:

3207 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_001108397.1, NP_001101867.1

RefSeq Size:	4293 bp
RefSeq ORF:	3207 bp
Locus ID:	361126
Cytogenetics:	16p14