

Product datasheet for **RN208789**

Stt3a (NM_001134749) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stt3a (NM_001134749) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stt3a
Synonyms:	Itm1; RGD1565793
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN208789 representing NM_001134749
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACTAAGCTTGGATTTTTGCGATTGTCCTATGAGAAGCAGGACACACTTCTAAAGCTCCTCATCCTGT
 CGATGGCTGCTGTGTTATCTTTTTCTACTCGTCTTTTTGCTGTGCTCAGATTTGAAAGTGTCATCCATGA
 GTTCGATCCGACTTTAATTATCGGACTACCCGGTTTCTGGCTGAGGAGGGGTTTTATAAATCCATAAC
 TGGTTTGTGACCGGGCTTGGTACCCTTTGGGCGCAATCATTGGAGGAACAATTTACCCAGGCTTAATGA
 TCATTCTGCTGCAATCTACCATGTACTCCATTCTTCCATATCACCATTGACATTCCGGAATGTCTGTGT
 TTTCTGGCCCTCTTTCTCCTCCTCACCACCATCGTTACGTACCACCTTACCAAAGAGCTCAAGGAC
 GCAGGAGCTGGGCTTCTGCTGCTGCCATGATTGCTGTAGTCCCGGGTATATTTCTCGATCTGTAGCTG
 GCTCCTATGATAATGAAGGAATTGCTATCTTTGTCATGCTGCTTACTTACTACATGTGGATCAAGGCAGT
 GAAGACTGGTCCATCTATTGGGCTGCCAAGTGTCTTGTCTTATTTCTACATGGTCTCGTCATGGGGA
 GGCATATGTGTTCCCTGATCAACTGATCCCTCTCACGTCCCTGGTCTAATGCTCAGAGCCGTTTTTCTC
 ACCGGATCTACGTAGCCTACTGTACTGTACTGCCTGGGGACCATTCTTCCATGCAGATCTCCTTTGT
 TGGATCCAGCCTGCTCCTCATCAGAACATGGCGGCCTTTGGAGTGTGGTCTGTGTGAGATCCAT
 GCTTTTGTAGATTACCTGCGCAGCAAGTTGAATCCACAGCAATTTGAAGTCTTTTCCGGAGTGTATCT
 CCCTGGTTGGCTTCGCTCCTCACCCTGGGCGCTCCTCATGCTGACAGGAAAGATATCTCCCTGGAC
 AGGGCGTTTCTACTCTCTGCTGGATCCCTCTTACGCTAAGAATAACATCCCCATTATGTCATCTGTGCT
 GAGCACCAGCCCACGACCTGGTCTCCTACTATTTGATCTACAGCTCCTTGTCTTATGTTCCAGTTG
 GCCTCTATTACTGCTTTAGCAACCTGTCTGATGCTCGGATTTTTATCATCATGTATGGTGTGACCAGCAT
 GTACTTCTCAGCTGTAATGGTGGCTGTGATGCTGGTGGTGGCACCTGTTATGTGCATTCTTCTGGCATT
 GGTGTCTCCAGGTGCTGTCACATACATGAAAAATCTGGACATAAGTCGCCAGACAAGAAGAGCAAGA
 AGCAACAGGATTCTACTTATCCTATTAAGAATGAGGTGGCAAGTGGGATGATACTGGTCAATGGCTTTT
 TCTCATCACCTACACGTTTCATTGACTTGGGTAACCAGTGAAGCCTATTCTTCTCCCTCCATTGTACTG
 TCTGCTCGTGGTGGGATGGCAGTAGGATCATTTTTGTGACTCCGGGAAGCATATTATTGGCTTCGTC
 ACAATACTCCAGAGGATGCAAAAGTCATGTCATGGTGGGATTATGGCTACCAAATTAAGTCAATGGCAA
 TCGGACAATCTTAGTGGATAATAACACATGGAATAATACCCACATTTCCCGAGTAGGGCAGGCAATGGCA
 TCCACAGAAGAAAAGCCTACGAAATCATGAGGGAGCTTGTGTCAGCTATGTGCTTGTGATTTTGGAG
 GCCTTACTGGGATTCTTCTGATGATATCAACAAGTTTCTGTGGATGGTCCGGATTGGAGGAAGCACCGA
 GACAGGAAGACACATCAAGGAGAATGACTACTATACTCCAAGTGGGAATTCCTGTTGACCGTGAGGGT
 TCACCAGTGTGCTCAACTGCCTTATGTACAAAATGTGTTACTACCGCTTTGGGCAGGTCTACACAGAAG
 CCAAGCGTCCACCAGGCTTTGACCGTGTTCGAAATGCTGAGATTGGTAATAAAGACTTTGAGCTTGTATG
 CCTGGAGGAAGCATATACCACAGAACATTGGCTGGTCAGGATATACAAGGTAAGGACCTGGATAATCGA
 GGCTTGTCAAGGACATAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001134749
Insert Size: 2118 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:	<u>NM_001134749.1, NP_001128221.1</u>
RefSeq Size:	5879 bp
RefSeq ORF:	2118 bp
Locus ID:	500972
Cytogenetics:	8q21