

Product datasheet for **RN203491**

St13 (NM_031122) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	St13 (NM_031122) Rat Untagged Clone
Tag:	Tag Free
Symbol:	St13
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203491 representing NM_031122 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCCCCGAAAGTGAGCGAGCTTCGGCCTTCGTGAAGATGTGTAGGCAGGACCCGAGCGTCTCTGC
ACACCGAGGAAATGCGTTTCCTGAGGGAGTGGGTGGAGAGCATGGGGGTAAAGTACCACCTGCTACTCA
TAAAGCGAAGTCAGAAGAAAACACTAAGGAAGAAAAAGAGACAAGACGACAGAGGACAACATAAGACA
GAGGAGCCATCGAGTGAGGAGAGCGATCTAGAAATTGACAATGAAGGTGTAAATTGAAGCAGACACTGATG
CTCCTCAGGAAATGGGAGATGAAAATGCAGAGATAACTGAGGCGATGATGGATGAAGCAAATGAAAAGAA
GGGGGCTGCCATCGACGCTCTAAATGATGGTGAGCTCCAGAAAGCCATTGACTTGTTCACAGACGCCATC
AAGCTAAACCCTCGTTGGCCATTCTGTATGCCAAGAGAGCCAGTGTTCGTCAAATTACAGAAGCCAA
ATGCTGCCATCCGAGACTGTGACAGAGCTATTGAAATAAACCTGATTCAGCTCAGCCATACAAATGGAG
AGGAAAGCGCACAGACTCCTGGGTCAGTGGGAAGAAGCAGCTCGCGATCTTGCCTGGCCTGTAATTG
GACTATGATGAGGACGCCAGTGAATGCTGAGAGAAGTCCAGCCTCGGGCTCAAAAAATTGCTGAACATC
GGAGAAAGTATGAGCGAAAACGTGAAGAGCGAGAGATAAAAGAACGAATAGAAAGGTGAAGAAGGCTCG
AGAAGAGCATGAAAAGCCAAAGGGAAGAAGAAGCCAGAAGACAATCTGGATCTCAGTTTGGCTCTTTT
CCAGGTGGTTTTCTGGGGAAATGCCTGGTAATTTTCTGGAGGAATGCCTGGAATGGGAGGGGCCATGC
CAGGAATGGCAGGAATGCCTGGACTCAACGAAATCCTCAGTGACCCAGAGGTTCTTCAGCCATGCAGGA
TCCAGAAGTCAATGGTGGCTTTCCAGGATGTGGCCAGAAGCCATCAAATATGTCAAAATATCAGAACAAC
CCAAAGTTATGAATCTCATCAGTAAATTGTGAGCAAGTTTGGAGGTCACTCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_031122
Insert Size:	1107 bp



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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_031122.1 , NP_112384.1
RefSeq Size:	1694 bp
RefSeq ORF:	1107 bp
Locus ID:	81800
UniProt ID:	P50503
Cytogenetics:	7q34
Gene Summary:	cochaperone protein; involved in regulation of the heat shock protein, Hsc70 [RGD, Feb 2006]