

Product datasheet for **RN211795**

Stim2 (NM_001105750) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Stim2 (NM_001105750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stim2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211795 representing NM_001105750
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTGCTCTTCGGGCTGTTGGTGGCCGGCGTGGCGGACGGATGCGACCTGGTGCCTCCGGCACCTCCGCG
 GCGGCGCGCGTTCGGGGTCGGCCGGAGCGGCTGGGTCTCCTTCGGCTGCGGCTGCCGCGAGCGCCAGGC
 GCTGCTGACAGATCCCTGTATGTCTCTGAGTCCACCATGCTTCACTGAAGAAGACAGGTTCACTCTGGAA
 GCACCTTCAGACAATACATAAACAGATGGACGACGACAAGGATGGTGGGATAGAAGTGGACGAGAGTGATG
 AGTTTATCAGAGAAGATATGAAATATAAAGATGCTACGAATAAACACAGTCATCTGCACAGAGAAGATAA
 GCACATAACTGTTGAGGACTTGTGAAACAGTGGAAAGACATCAGAAGTTCACAATTGGACGCTTGAGGAT
 ACCCTGCAGTGGTTGATAGAATTTGTTGAACTCCACAATACGAGAAGAATTTTAGGGATAATAATGTGA
 AAGGAACAACACTTCCAGGATAGCAGTTCATGAACTTCATTTATGATTTCCAGTTGAAAATCAGTGA
 CCGGAGTCACAGACAGAACTTCAACTCAAAGCACTGGATGTGGTTTTGTTGGGCTCTGACACGCCCA
 CCTCATAATTGGATGAAGGATTTATTCTCACAATTTCCATAGTAATTGGCGTTGGAGGTTGTTGGTTTG
 CTATACACAAAATAAGACATCAAAGGAACATGTTGCAAAGATGATGAAAGACTTAGAAAGCCTACAAAAC
 CGCAGAGCAGAGCCTCATGGACTTACAGGAGAGACTTGAAAAGGCACAGGAAGAAAACAGAACTGTTGCT
 GTCGAAAAGCAAAATCTGGAACGAAAGATGATGGATGAAATCAACTACGCCAAGGAGGAGGCTGCCGGC
 TGGCGGAGCTGAGGGAGGGCGCAGAGTGTGAGCTGAGCAGGCGCCAGTATGCGGAGCAGGAGCTGGAGCA
 GGTCCGCATGGCTCTAAAAAGGCTGAAAAGGAGTTTGAAGTGAAGAGCAGCTGGTCTGTCCCTGATGCA
 CTGCAGAAATGGCTTCAGCTAACACACGAGGTTGAAGTACAGTACTATAATTAAGAGGCAGAAATGCCG
 AGATGCAGCTAGCCATCGCTAAGGACGAGGCAGAAAAAATTAAGAAAGAAAGCAGCAGCTTTGGGAG
 CCTGCATGTTGCACACAGCTCCTCCCTGGATGAAGTAGACCACAAGATTCTGGAAGCCAAGAAAGCACTC
 TCTGAGCTGACGACATGTTTGCAGAACGGCTTTTTCGCTGCGCAGCAGATTGAGAAGATCTGTGGCTTTC
 AGATAGCTCACAACCTCTGGCCTCCCCAGTCTCACCTCCTCTGTACTCTGACCACAGCTGGGTGGTGAT
 GCCTAGAGTCTCCATTCCACCTTACCCTATTGCGGGAGGAGTCGATGACCTGGATGAAGTACACCCCCA
 ATAGTGTACAGTTCAGGGACCGTGGCTAAGCCTGCTGGTCTTTAGCCAGAAGCAGTGTATGCTCCCT
 GCTCTCGTGAAGCATTGTGCCATCCTCCACAGTCTCAGCGAGCTCAGCTTCTGCACATGCTCCTCT
 GGCAGCCACCCTCGGCACCCTCACCATCCCCAGCACTCATTACCTTCCCAGATCCAGACATTCTCTCT
 GTGTCAAGTTGCCCTGCTGTATCGGAACGAAGAAGAGGAGGAGGCTATCTACTCACTGCTGAGAAAC
 AATGGGAGGTACCAGACACAGCTTCAGAATGTGACTCCTTAAACTCTTCCATTGGGAGAAAACAGTCTCC
 TCCTTCAAGCCTTGAGATATACCAAACATTGTCTTCTCGAAAAATATCAAGAGACGAGCTTCCCTGGAG
 GACTCTTCCAGGGGGGACTCACCCGTGACAGCAGATGTCTCCCGGGGCTCCCTGAGTGTGTGGGCTGA
 CGGAAACCAAGAGCATGATCTTCAGCCCTGCGAGCAGAGTGTACAACGGCATCCTGGAGAAGTCTGCAG
 CATGCACCAGCTCTAGTGGCATCCCGGTGCCTAATCCTCGACACAGTCTGCTCCTTGGCTGGCAGT
 GACAGCAAGCCAGTTCAGGAAGCCTCCAGCGTTTCCAGAGTAGGCAGCATCCCGCAGCACCTTTGTCATA
 ATGGTGAGAAAAGCAAAAAGCCATCAAAAATCAAAAGCCTTTTCAAGAAGAAGTCCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001105750

Insert Size: 2232 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_001105750.2, NP_001099220.2</u>
RefSeq Size:	3392 bp
RefSeq ORF:	2232 bp
Locus ID:	117087
Cytogenetics:	14q11