

Product datasheet for **RN213501**

Steap3 (NM_133314) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Steap3 (NM_133314) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Steap3
Synonyms:	MGC93147
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213501 representing NM_133314
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGGGAGATGGACAAACCGCTCATCAGTCGCCGCTTGGTGGACAGTGATGGCAGTCTGGCTGAGG
 TCCCAAGGAGGCTCCCAAAGTGGGCATCCTGGGCAGCGGGATTTTGCCGGTCCCTGGCCACACGCCT
 GGTGGGCTCTGGCTTCTTTGTGGTGGTGGGAAGCCGTAACCCCAAACGCACTGCCGGCTCTTCCCTCC
 TTAGCCAAAGTGACTTCCAGGAGGAGCCGTGAGCTCTCCAGAGGTATCTTTGTGGCCGTGTTCCGGG
 AGCACTACTCCTCACTGTGCAGTCTTGCTGACCAGTTGGCTGGCAAGATCCTAGTGGATGTAAGCAACCC
 CACGGAGAAGGAGCGTCTTCAGCACCGCCAGTCGAACGCCGAGTACCTGGCCTCCCTCTTCCCTGCCTGC
 ACTGTGGTCAAGGCCCTTCAACGTATCTCTGCATGGGCCCTACAGGCTGGCCCAAGGGATGGGAACAGGC
 AGGTGCTCATCTGCGGTGACCAGCTGGAAGCCAAGCACACCGTCTCAGAGATGGCGCGCCATGGGTTT
 CACCCCACTGGACATGGGATCCCTGGCCTCAGCGAGGGAGGTAGAGGCCATACCCCTGCGCCTCCTTCCA
 TCCTGGAAGGTGCCACCCCTCCTGGCCCTGGGGCTAAGCACACAAGCTATGCCTACAACCTCATCCGGG
 ACGTTCTACAGCCGTACATCCGGAAGATGAGAACAAGTTCTACAAGATGCCCTGTCTGTGGTCAACAC
 CACGATACCCTGTGTGGCTTACGTGCTGCTGTCCCTGGTTTACCTGCCTGGTGTGCTGGCAGCTGCCCTT
 CAGCTGAGGAGGGGACCAAGTACCAGCGCTTCCAGACTGGCTGGACATTGGCTGCAGCACCGCAAGC
 AGATCGGGCTACTCAGCTTTTTTTTCGCCATGCTGCACGCTCTCTACAGTTCTGCTGCCGCTGCGCCG
 CTCCCACCGCTATGATCTGGTCAACCTGGCTGTGAAGCAGGTCTGGCCAACAAGAGCCCGCTCTGGGTT
 GAGGAAGAAGTCTGGCGGATGGAGATATACCTGTCCCTGGGTGTGCTGGCTCTGGGCATGCTGTCACTGC
 TGGCGGTTACCTCGATCCCTTCCATTGCAAACCTCACTCAACTGGAAGGAGTTTCACTTTGTGCATCCAC
 GCTGGGCTTCGTGGCCCTGATGCTGAGCACAATGCACACCCCTCACCTACGGCTGGACCCGTGCTTTTGGAG
 GAAAACCACTACAAGTTCTACCTGCCACCCACATTACGCTCACGCTGCTCCTGCCCTGTGTATCATCC
 TGGCCAAGGGCCTCTTCCCTGCTGCCCTGCCTCAGCCACAGACTACCAAGATCCGCAGGGGCTGGGAGAG
 GGATGGTGCCGTCAAGTTCATGTGCCCGCTGGCCACACACAGGGGGAGAAAACAAGCCACGTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_133314

Insert Size: 1467 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_133314.1](#), [NP_579848.1](#)
RefSeq Size: 2707 bp
RefSeq ORF: 1467 bp
Locus ID: 170824
UniProt ID: [Q5RKL5](#)
Cytogenetics: 13q11
Gene Summary: induces apoptosis; inhibits prostate tumor growth in some cell lines [RGD, Feb 2006]