

Product datasheet for **RG203970**

STEAP1 (NM_012449) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	STEAP1 (NM_012449) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	STEAP1
Synonyms:	PRSS24; STEAP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203970 representing NM_012449 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAGCAGAAAAGACATCACAAACCAAGAAGAACTTTGGAAAATGAAGCCTAGGAGAAATTTAGAAG
AAGACGATTATTTGCATAAAGCACGGGAGAGACCAGCATGCTAAAAAGACCTGTGCTTTGCATTTGCA
CCAAACAGCCCATGCTGATGAATTTGACTGCCCTCAGAACTTCAGCACACAGGAACTCTTCCACAG
TGGCACTTGCCAATTAATAAGCTGCTATTATAGCATCTCTGACTTTTCTTACACTCTTCTGAGGGAAG
TAATTCACCTTTAGCAACTTCCATCAACAATATTTTTATAAAATCCAATCCTGGTCATCAACAAAGT
CTTGCCAATGGTTTCCATCACTCTCTTGCCATTGGTTACCTGCCAGGTGTGATAGCAGCAATTGTCCAA
CTTCATAATGGAACCAAGTATAAGAAGTTTCCACATTGGTTGGATAAGTGGATGTTAACAAGAAAGCAGT
TTGGGCTTCTCAGTTTCTTTTTGCTGTACTGCATGCAATTTATAGTCTGTCTTACCCAATGAGGCGATC
CTACAGATACAAGTTGCTAAACTGGGCATATCAACAGGTCCAACAAAATAAAGAAGATGCCTGGATTGAG
CATGATGTTTGGAGAATGGAGATTTATGTGTCTCTGGGAATTGTGGGATTGGCAACTGGCTCTGTTGG
CTGTGACATCTATTCCATCTGTGAGTGACTCTTGACATGGAGAGAATTTCACTATATTCAGAGCAAGCT
AGGAATTTGTTCCCTTCTACTGGGCACAATACACGCATTGATTTTTGCCTGGAATAAGTGGATAGATATA
AAACAATTTGTATGGTATACACCTCCAACCTTTTATGATAGCTGTTTTCTTCCAATTGTTGCTCTGATAT
TTAAAAGCATACTATTCTGCCATGCTTGAGGAAGAAGATACTGAAGATTAGACATGGTTGGGAAGACGT
CACCAAAATTAACAAAAGTGAATATGTTCCAGTTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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_012449.3](#)

RefSeq Size: 1330 bp

RefSeq ORF: 1020 bp

Locus ID: 26872

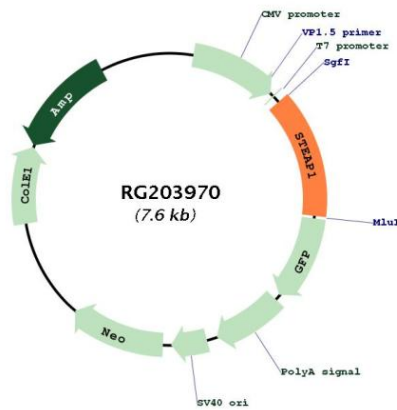
UniProt ID: [Q9UHE8](#)

Cytogenetics: 7q21.13

Protein Families: Transmembrane

Gene Summary: This gene is predominantly expressed in prostate tissue, and is found to be upregulated in multiple cancer cell lines. The gene product is predicted to be a six-transmembrane protein, and was shown to be a cell surface antigen significantly expressed at cell-cell junctions. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG203970