

## Product datasheet for **SC209701**

### STEAP2 (NM\_001040666) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** STEAP2 (NM\_001040666) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** STEAP2  
**Synonyms:** IPCA1; PCANAP1; PUMPCn; STAMP1; STMP  
**ACCN:** NM\_001040666  
**Insert Size:** 791 bp  
**Insert Sequence:** >SC209701 3'UTR clone of NM\_001040666  
 The sequence shown below is from the reference sequence of NM\_001040666. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTTTGCAGCTTTGCAGATACCCAGACTGAGCTGGAAGTGAATTTGTCTTCTATTGACTCTACTTCT
TTAAAAGCGGCTGCCATTACATTCCTCAGCTGCTCCTTGCAGTTAGGTGTACATGTGACTGAGTGTGG
CCAGTGAGATGAAGTCTCCTCAAAGGAAGGCAGCATGTGTCCTTTTCATCCCTTCATCTTGCTGCTGG
GATTGTGGATATAACAGGAGCCCTGGCAGCTGTCTCCAGAGGATCAAAGCCACACCCAAAGAGTAAGGC
AGATTAGAGACCAGAAAGACCTTGACTACTTCCCTACTTCCACTGCTTTTTCTGCATTTAAGCCATTG
TAAATCTGGGTGTGTACATGAAGTAAAATTAATTCTTTCTGCCCTTCAGTTCTTTATCCTGATACCA
TTTAACACTGTCTGAATTAAGTACTGCAATAATTCTTTCTTTGAAAGCTTTAAAGGATAATGTGC
AATTCACATTAATGATTTTCCATTGTCAATTAGTTATACTCATTTTCTGCCCTTGATCTTTCATT
GATATTTTGTATCTGCTTGAATATATTATCTTCTTTTAACTGTGTAATTGGTAATTAACAACTCT
GTAATCTCCAAAATATTGCTATCAAATTACACACCATGTTTCTATCATTCTCATAGATCTGCCTTATA
AACATTTAAATAAAAAGTACTATTTAATGATTTAACTTCTGTTTTGAAATGTTGTATACAGTGGATTT
TTTTCTCATAAATAAATTAATTCTAGTATTTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-Mlul  
**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



[View online »](#)

<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_001040666.2</a>
<b>Summary:</b>	This gene is a member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrireductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	261729
<b>MW:</b>	30