

Product datasheet for **MC211059**

Steap1 (NM_027399) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Steap1 (NM_027399) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Steap1
Synonyms:	2410007B19Rik; Prss24; Steap
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211059 representing NM_027399 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGATCAGTGACGATGTTACAAACCCAGAACAACCTTTGGAAAATGAAGCCAAAGGGAAACCTGGAAG
ATGACAGTTACTCGACTAAGGACTCGGGAGAGACGAGCATGCTGAAAAGACCGGGCTCTCGCACTTGCA
GCACGGTCCACGTCGATGCCTTTGACTGCCCTCCGAGCTTCAGCACACGCAGGAATCTTTCCAAAC
TGGCGCTTGCCAGTAAAGTCGCTGCCATCATATCATCCCTGACTTTCTGTACACACTTCTGAGGGAAA
TCATCTACCCGTTAGTAACTTCCCGTGAACAATATTTTTATAAAATCCAATCCTGGTTATTAACAAAGT
CTTGCCAATGGTCGCCATTACCCTCTTGCACTGGTCTATTTGCCAGGAGATTAGCGGCAGTTGTACAG
CTTCGCAATGGAACCAAGTACAAGAAGTCCCACCCTGGTTAGATAGATGGATGCTGGCCAGGAAGCAGT
TTGGTCTCCTCAGCTTCTTTTTGCTGTGCTGCACGCTGTTTACAGTCTCTCATACCCAATGAGGAGATC
CTACAGATACAAGCTACTCAACTGGGCTTCAAACAGGTTCAAACAAAACAAAGAGGATGCCTGGGTAGAG
CATGATGTCTGGAGAATGGAGATTTATGTGTCCCTGGGGATTGTGGGGCTGGCCATCTTGCTCTCTTG
CTGTGACATCTATTCCATCTGTGAGCGACTCTTAACTGGAGAGAATTTCACTATATTCAGAGCAAAC
AGGAATTTGCTCTTCTTCTTGGGCACAGTACACGCTTTGGTTTTGCCTGGAATAAATGGGTAGATGTC
AGTCAATTTGTATGGTACATGCCTCCGACTTTTATGATAGCTGTTTTCTTCCAACCTCTTGCCTGATG
GTAAAATCGCCCTGTGCCTGCCCTGTCTGAGGAAGAAGATACTGAAGATTAGATGTGGTTGGGAAGATGT
CAGCAAAATTAACAGGACTGAGATGGCCTCCAGGTTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_027399
Insert Size:	1020 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:	BC061023 , AAH61023
RefSeq Size:	1234 bp
RefSeq ORF:	1020 bp
Locus ID:	70358
UniProt ID:	Q9CWR7
Cytogenetics:	5 3.2 cM
Gene Summary:	Metalloreductase that has the ability to reduce both Fe(3+) to Fe(2+) and Cu(2+) to Cu(1+). Uses NAD(+) as acceptor.[UniProtKB/Swiss-Prot Function]