

Product datasheet for **MR207812**

Steap3 (NM_001085409) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Steap3 (NM_001085409) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Steap3
Synonyms:	1010001D01Rik; pHyde; Tsap6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR207812 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCGGGGGAGATGGACAAGCCGCTGATCAGCCGCCCTAGTGACAGTATGGCAGTCTGGCTGAGG
 TCCCAAGGAGGCCCAAGTGGGCATCTGGCAGTGGGATTTTCCCGTTCCCTGGCCACACGCCT
 GGTGGGCTCTGGCTTCAGTGTGGTGGTGGGAGCCGTAACCCAAACGCACGGCTGGCCTCTTCCCTCC
 TTAGCTCAAGTACTTTCCAGGAGGAAGCCGTGAGCTCTCCAGAGGTATCTTTGTGGCCGTGTTCCGGG
 AGCACTATTCTCTGTGCAGTCTCGTGACCAGTTGGCTGGCAAGATCCTCGTGGATGTAAGCAACCC
 CACGGAGAAGGAGCATCTTCAGCACCGCCAGTCTAACGCTGAGTACCTGGCCTCACTCTTCTCGCTGC
 ACTGTGGTGAAGGCCCTCAACGTCATCTCTGCATGGGCCCTACAGGCTGGCCCAAGGGATGGGAACAGGC
 AGGTGCTCATCTGCAGTATCAGCCAGAAGCCAAGCGCACCATCTCAGAGATGGCACGCGCCATGGGTTT
 CACACCCCTGGACATGGGATCCCTGGCCTCAGCGCGGGAGGTAGAAGCCATAACCCCTGCGCTCCTTCCA
 TCCTGGAAGGTGCCACCCCTCCTGGCACTGGGGCTTTTTGTGTGCTTCTACACCTACAACCTCATCCGGG
 ACGTTCTACAGCCATACATTCCGAAAGATGAGAACAAGTTCTACAAGATGCCCTTGTCTGTGGTCAACAC
 CACACTACCCTGTGTGGCTTATGTGCTGCTGTCCCTAGTGTACCTGCCCGGTGTGCTGGCAGCTGCGCTT
 CAGCTGCGGAGGGGGACCAAGTACCAGCGTTTCCAGACTGGCTGGACCACTGGCTGCAGCATCGCAAGC
 AGATCGGGCTGCTCAGCTTCTTCTCGCGATGCTGCACGCTCTCTACAGTTCTGCTGCCGCTGCGCCG
 CTCCCACCGCTATGACCTGGTCAATCTGGCTGTGAAGCAGTCTGGCCAACAAGAGCCGCTCTGGGTT
 GAGGAAGAAGTCTGGAGGATGGAGATACCTGTCCCTGGGTGTGCTGGCCCTGGGATGTTGTGCTGCTGC
 TGGCTGTACCTCGTCCCGTCCATTGCTAATTCCTCAACTGGAAGGAGTTCACTTTGTGAGTCCAC
 ACTGGGCTTCGTGGCCCTGATACTCAGCACAATGCACACACTCACCTACGGCTGGACCCGCTGCTTTGAG
 GAAAACCACTACAAGTTCTACCTGCCGCCACATTACACTCACGCTGCTCCTGCCCTGTGTGATCATCC
 TGGCCAAGGGCTCTTCTCCTGCCCTGCCTCAGCCGAGACTACCAAGATCCGCAGGGGCTGGGAGAA
 AGATGGGGCTGTCAAGTTCATGTGCCCGGCGACCACACAGGGGGAGAAAACAAGCCACGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207812 protein sequence
 Red=Cloning site Green=Tags(s)

MSGEMDKPLISRRLVDSGSLAEVPKEAPKVGILGSGDFARSLATRLVSGSFVSVVGSRNPKRTAGLFPS
 LAQVTFQEEAVSSPEVIFVAVFREHYSSLCSLADQLAGLILVDVSNPTEKEHLQHRQSNAEYLASLFPAC
 TVVKAFNVI SAWALQAGPRDGNRQVLICSDQPEAKRTISEMARAMGFTPLDMGSLASAREVEAIPLRLLP
 SWKVPTLLALGLFVCFYTYNFI RDVLPYIRKDENKFKMPLSVVNTTLLPCVAYVLLSLVYLPGLAAAL
 QLRRGTYQRFPDWDHQLHRKQIGLLSFFFAMLHALYSFCLPLRRSHRYDLVNLAVKQVLANKSRLWV
 EEEVWRMEIYLSLGVLALGMLSLAVTSLPSIANSLNWKEFSFVQSTLGFVALILSTMHTLYGWTRAFE
 ENHYKFYLPPTFTLLLLPCVIIILAKGLFLLPCLSRRLTKIRRGWEKDGAVKFMPLPGDHTQGEKTSHV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

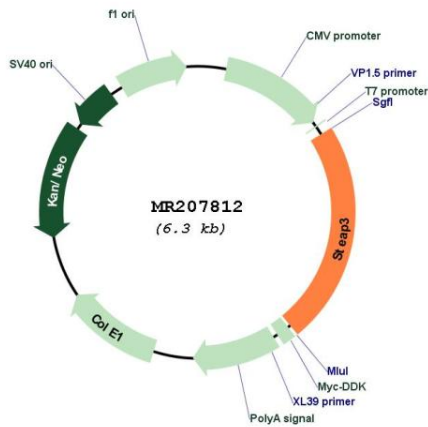
Sgfl-MluI

Cytogenetics: 1 E2.3

MW: 54.7 kDa

Gene Summary: Endosomal ferrireductase required for efficient transferrin-dependent iron uptake in erythroid cells. Participates in erythroid iron homeostasis by reducing Fe(3+) to Fe(2+). Also mediates reduction of Cu(2+) to Cu(1+), suggesting that it participates in copper homeostasis. Uses NADP(+) as acceptor. May play a role downstream of p53/TP53 to interface apoptosis and cell cycle progression. Indirectly involved in exosome secretion by facilitating the secretion of proteins such as TCTP.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207812