

## Product datasheet for MC210097

### Stap1 (NM\_019992) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stap1 (NM_019992) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Stap1
Synonyms:	A1586015; Brdg1; STAP-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC210097 representing NM_019992 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGGCGAAAAAGCCCCGAAACCTGCCCTCGCAGGATCTTCCAGGAAAGACTGAAGATCACTGCTC  
TGCCCTGTACTTTGAAGGATTTTACTGGTCAAACGGTCTGATCACCAGGAGTACAAACTATTGGAC  
GGAGCTGAGAGGGACCACGCTGTCTTTTACACTGACAAAAAAGCACAATCTATGTTGGCAAGTTAGAT  
ATAATAGACCTCGTGTGCCTTACTGGCCAACATCAACTGAAAAGAATTGTGCAAAATTCACTCTTGTTT  
TGCCCAAAGAAGAAGTGCATGTGAAGACAGAAAACACAGAAAGTGGAGAAGAATGGAGGGCTTCATTCT  
TACAGTAACAGAGTTGACAGTTCCTCAGCATGTGTCACTTCTACCTGGGCAAGTGATTAGACTGCACGAA  
GTCTTAGAGAGAGAAAAGAAAAGAGGATTGAGACAGATCAGCTGCCTTATGCCTCCGGAGAAAAGAGA  
AGGAGCCAGTACAAGACTATGCGGATGTAAGTGAACCCACTGCCTGAATGTTTTATGCAGTTTCCCGGAA  
AGAAGCAACTGCAATGCTGGAAAAGAACCTTCTTGGGAAATATGATCCTGAGGCTGGTAGTGACAGC  
AAAACTACTCCATCACTATCCGGCAGGAGATAGAAATGCCAAGAATCAAGCACTTCAAAGTGACGCGCA  
CTGAAACAACACACCATCGAGCTGGAAAACCTGTAACACTCCCAACCTTTTCAGTGTCAATTGATTA  
TTTTGTGAAGGAGACTCGAGGGAATTTGAGACCATTTATACATTCAGCTGATGACAACCTTTGGTCAAGAT  
CCCAACATAGAAGACAGGAGTGAGAAGTTAAGAAAAATCCACACAATGCATGA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019992
Insert Size:	894 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_019992.4</a> , <a href="#">NP_064376.1</a>
<b>RefSeq Size:</b>	1225 bp
<b>RefSeq ORF:</b>	894 bp
<b>Locus ID:</b>	56792
<b>UniProt ID:</b>	<a href="#">Q9JM90</a>
<b>Cytogenetics:</b>	5 E1
<b>Gene Summary:</b>	May function as an adapter molecule downstream of KIT in the proliferation or differentiation of hematopoietic stem cells.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).