

## Product datasheet for **MC207820**

### Stap2 (NM\_145934) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Stap2 (NM\_145934) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Stap2  
**Synonyms:** AW049765; STAP-2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC207820 representing NM\_145934  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCCACAGCCCTGAGTCCACCCCGGGTCCCAAGCTCAAAGGTGCTCCACCTCACACTACTACGAGA  
GCTTCTAGAGAAAAAGGACCCCTGTGACCAGGATTACAGGAAGTTCTGGCAGGCCTCCAGGGTTAGC  
CATCTGTTTCTACAATAGCAATCGGGACTTGCAGCCCTGGAAAAGCTGGACCTGAGGCTGTTTTCAAAG  
CTCAGAGATGAGGCTCTGCTGGGAAGCTCACGGGACACTGCCTATCACTTCAAGCCTGTTTCCGGGACC  
AGGAGGTGAAATTCAGGTGGAGAGCCTGGAGTCTTGTGAGATGTGAAAAGGATTATCTTGACTGTGGT  
AGAGTCCGTGTCCCATCTAACCTGACCCTGCTGCCCGGACACCTGTACATGATGGCCGAGGTCCTGACC  
AAAGAGGAGGTACGGAGGGCAGCCGAGGTGCCCTGGTGTCTTCTCAGGTGAGCAGGCTCGAGGCGCAGC  
TGCTCCTGGAGCGCTACCCAGAGTGCAGGAACTGCTTCTGCGGCCTGGCGGGATGGCAAGGACAGTGT  
GTCTGTACCACCCGGCAGATTCTCAATGGGTCTCCCGTGGTCAAACACTACAAAGTGAAGCGGGCAGGT  
TCTAAGTATGTGATCGACGTGGAAGACCCGTTTTCTGCCCTCGCTGGAAGCTGTAGTCAACTATTTTG  
TGACGCACCAAGAGGGCGCTGGTCCCCTTCTGTTGGATGAGGACTATGAGAAGGTTCTAGGCTTCGT  
GGACTCGGATCGGAGAATGGCGAGAGTGCATGGGCTGTGCCCTCCTCCGAGCCTCAGGCCCTGCCCTC  
CCTGCTAATGTCTGAAGCCACTCCACCTGTACCTGTGTCTGTGTCCAGCCAGGAAGACAAGTTGCCTC  
AACTACCTCCCCTGCCTCAGTTACCAGACACGGATGAGAACTACGTGACTCCCATTGAAGACTCCCCAGC  
AGCCGAATACATGAATCAGGATGTGTCTCTCCAGTCAGGCAGTCCCTCTGAAGCCCAAGAAGCCGGCA  
AGGCTCCCAGCAAACCCCAAGCCATCAGTTGTGCCTAAGCCAGATCTCAAAGCCATTACCAGCGTTT  
GGACCAGGAAGCTAGGTGGAAGCTCGTCCAGGCTTCTCCCTTGTGACAAGACTTGGGGATATCACCGC  
TGAGCTGGAAGAGAACTACAGAAGAGGAGGGCACTGGAACACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_145934
<b>Insert Size:</b>	1236 bp
<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>	<u><a href="#">NM_145934.2</a></u> , <u><a href="#">NP_666046.1</a></u>
<b>RefSeq Size:</b>	1532 bp
<b>RefSeq ORF:</b>	1236 bp
<b>Locus ID:</b>	106766
<b>UniProt ID:</b>	<u><a href="#">Q8R0L1</a></u>
<b>Cytogenetics:</b>	17 D
<b>Gene Summary:</b>	<p>Substrate of protein kinase PTK6 (By similarity). May play a regulatory role in the acute-phase response in systemic inflammation and may modulate STAT3 activity.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>