

## Product datasheet for RN214191

### Stampb (NM\_138531) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Stampb (NM_138531) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Stampb
Synonyms:	Amsh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN214191 representing NM_138531 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGTCTGACCATGCAGATGTGAGCCTCCCACCCAAGACCGGGTGAGGATTCTGTCGCAACTCGGTAGTG  
CAGTTGAGTTAAATGAAGACATTCGCCCGCTCGCTACTTTCGTTCCGGTGTGAGATCATCCGCATGGC  
ATCCATTTACTCTGAAGAAGCAACATTGAACATGCCTTTATCCTCTACAACAAGTACATCAGCTGTTT  
ATTGAAAACTTCCAAAACCCGAGACTACAAATCGGCCATCATTCCCGAGAAGAAAGACCGGGTCAAGA  
AATTAAGAATGTCGCTTCCCTAAAGCGGAAGAGCTGAAGACAGAACTCTTGAAGAGATACACCAAAGA  
GTATGAGCAGTATAAGGAGCGAAAGAAGAAGGAAGAAGAGGAAGTGGCCGAAATATCGCCATCCAGCAA  
GAAGTGGAAAAAGAAAAGCAGAGAGTTGCACAGCAGAAGCAGAAGCAGCTCGAGCAGGAGCAGTTCCATG  
CCTTTGAGAAGATGATCCAGAAGCAGGAGCTAGAGAAAGAGCGGCTAAAAATTGTTCAAGAGTTCGGGAA  
GGTAGACCCTGGCCCGTGCAGGCTCTGCTCCCTGATCTGGAAAAGCCCTGTGTAGATGTGGCCCCCAGT  
TCACCTTCTCGCCACGCAGACTTCAGACTGTAACACAACCCAGAGCCAGCTAAGCCACCTGTGGTGG  
ACAGGTCCTCAAACCTGGAGCATTAAAGGTCATAGAAAATGTTCCACCATTGAAGCCCTGCGCCAT  
TGTGGTGCCTCGCAATCTGTGCTCAGAATTTCTCAGCTTGCCAGCGCCAACACTGCCAAAGGCATCGAG  
ACCTGTGGAGTCTCTGTGGAAAAGTATGAGAAATGAATTCACAATCACACATGTTCTCATCCCCAGAC  
AAAATGGTGGCCTGATTATTGCCACACAGAGAATGAAGAAGAAATTTCTTTATGCAGGATGATCTTGG  
ACTCCTACTCTTGGCTGGATCCACACCCATCCAAACCAACCGCCTTTCTGTCCAGTGTGGATCTGCAC  
ACGCACTGCTCCTACCAATGATGTTACCAGAGTCCATAGCAATTGTCTGCTCCCCAAGTTCAGGAGA  
CTGGATTCTTTAAATTAAGTACTGACTATGGCCTTCAAGAGATTTCAACCTGCCGGCAGAAAGGCTTTCACC  
CCATGGCAGAGACCCACCGCTGTTCTGTGACTGCAGCCATGCTACTGTCAAAGACAGAATTGTGACGATC  
ACAGACCTTCG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_138531
<b>Insert Size:</b>	1275 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_138531.2</a></u> , <u><a href="#">NP_612540.1</a></u>
<b>RefSeq Size:</b>	1735 bp
<b>RefSeq ORF:</b>	1275 bp
<b>Locus ID:</b>	171565
<b>UniProt ID:</b>	<u><a href="#">Q8R424</a></u>
<b>Cytogenetics:</b>	4q34
<b>Gene Summary:</b>	human homolog binds the SH3 domain of signal-transducing adaptor molecule STAM and may play a role in cytokine mediated intracellular signal transduction [RGD, Feb 2006]