

## Product datasheet for RN204535

### Tpsab1 (NM\_019322) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Tpsab1 (NM\_019322) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Tpsab1  
Synonyms: Mcpt7; rMCP-7; TPSB1  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
Fully Sequenced ORF: >RN204535 representing NM\_019322  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGACCTACCCTCCTGCTCCCTGGTTCCTGGCTTATTCTGCACACCACAACCTGTTGGCCCTAGCCCAG  
CCCTCACCTCCAACCGGGCCCGTACTACTACTGTGTCCGAATGCTGAAGCTGCTGCTGACTGCTGCC  
TCTCCTGTCCAGCCTGGTGCACGCAGCCCTAGTCTAGCTATGCCACGAGAGGGCATTGTGGGGGACAG  
GAGGCGTCTGGGAACAAGTGGCCCTGGCAGGTGAGCCTGCGTGTCAATGACACCTACTGGATGCATTCT  
GCGGGCGCTCCCTCATCCACCCACAGTGGTGGCTCACTGCGGCACACTGTGTGGGACCGAATAAGGCTGA  
CCCCAACAAAGCTCAGGTTACAGTTCGTAAGCAGTATCTTATTATCATGACCACCTGCTGACCCTGAGC  
CAGATCATCTCACACCCTGACTTCTACATCGCCAGGATGGGGCAGACATTGCCCTGCTGAAACTCACTA  
ACCCTGTGAACATTACCAGCAATGTCCACACTGTCTCCCTGCCTCCCGCCTCAGAGACCTCCCTCAGG  
GACATTGTGCTGGGTGACAGGCTGGGGTAACATCAACAATGATGTAAGCCTGCCACCGCCATTTCCTTTG  
GAGGAGGTGCAAGTCCATTGTAGAAAACCGCCTCTGTGACTTGAAGTATCACAAAGGTCTCAACACAG  
GTGACAACGTCCACATTGTCCGTGACGACATGCTGTGTGCTGGGAATGAAGGACATGACTCCTGCCAGGG  
CGACTCCGGAGGACCTCTGGTCTGCAAGGTTGAAGATACCTGGCTGCAGGCAGGTGTTGTGAGCTGGGGT  
GAGGGCTGCGCACAGCCAAACAGGCTGGCATCTACACTCGGGTACCTATTACCTGGACTGGATCTACC  
GCTATGTCCCAAGGACTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_019322  
Insert Size: 933 bp



[View online »](#)

<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_019322.2</a> , <a href="#">NP_062195.2</a>
<b>RefSeq Size:</b>	1225 bp
<b>RefSeq ORF:</b>	933 bp
<b>Locus ID:</b>	54271
<b>UniProt ID:</b>	<a href="#">P27435</a>
<b>Cytogenetics:</b>	10q12
<b>Gene Summary:</b>	serine protease in mast cells [RGD, Feb 2006]