

Product datasheet for MC207327

Tpsab1 (NM_031187) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tpsab1 (NM_031187) Mouse Untagged Clone
Tag: Tag Free
Symbol: Tpsab1
Synonyms: Mcp-7; Mcp7; Mcpt7; MMCP-7
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC207327 representing NM_031187
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTAAAGCTGCTGCTGCTCACGCTGCCCTCCTGTCCAGCCTGGTGCATGCAGCCCCGGTCCAGCTA
 TGACACGAGAAGGCATTGTGGGGGACAGGAGGCACATGGGAACAAGTGGCCCTGGCAGGTGAGCCTGCG
 TGCCAATGACACCTACTGGATGCATTTCTGCGGTGGCTCCCTCATCCACCACAGTGGGTGCTCACTGCG
 GCACACTGTGTGGACCGGATGTTGCTGACCCCAACAAGGTGAGGTACAGCTCCGTAAGCAGTACCTCT
 ATTACCATGACCACCTGATGACTGTGAGCCAGATCATCACACACCCCGACTTCTACATCGTCCAGGATGG
 GGCAGACATTGCCCTGCTGAAACTCACAAACCCTGTGAACATTTCTGACTATGTCCACCCTGTCCCCTA
 CCTCCTGCCTCAGAGACCTTCCCCTCAGGAACGTTGTGCTGGGTGACAGGCTGGGTAACATCGACAATG
 GTGTAACCTGCCGCCACCATTTCTTTGAAGGAGGTGCAAGTCCCATATAGAAAACACCTTTGTGA
 CTTGAAGTATCACAAAGGTCTCATCACAGGTGACAATGTCCACATTGTCCGAGATGACATGCTGTGTGCT
 GGAATGAAGGACATGACTCCTGCCAGGGCGACTCCGGAGGACCTCTGGTCTGCAAGGTAGAAGACACCT
 GGCTGCAGGCAGGCGTGGTCAGCTGGGGTGAGGGCTGTGCACAGCCCAACAGGCCTGGCATCTACACCCG
 GGTCACCTATTACTTGGACTGGATCCACCACTATGTCCCCAAGGACTTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_031187
Insert Size: 822 bp



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| OTI Disclaimer: | 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). |
| Components: | 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). |
| Reconstitution Method: | <ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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. |
| Note: | Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required. |
| RefSeq: | <u>NM_031187.4</u> , <u>NP_112464.4</u> |
| RefSeq Size: | 1191 bp |
| RefSeq ORF: | 822 bp |
| Locus ID: | 100503895 |
| UniProt ID: | <u>Q02844</u> |
| Cytogenetics: | 17 12.53 cM |
| Gene Summary: | <p>Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the protein-coding transcript expressed in BALB/c and CZECHII strains. Sequence Note: The RefSeq transcript and protein are based on BALB/c strain sequence data because the gene does not produce a protein in C57BL/6.</p> |