

Product datasheet for RN212833

Psmb5 (NM_001105727) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Psmb5 (NM_001105727) Rat Untagged Clone
Tag: Tag Free
Symbol: Psmb5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212833 representing NM_001105727
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGCTGGCCAGCGTGTTCAGCGGCCGATGCCGGTGAATCAGCACGGGTTTTTTGGACTCGGAGGTC
 GTGCAGATCTGTGGACTTGGTCCGGGAGTCCCTGGTGATGGGCTGAGCCTAGCCGCGCCGAGCTGGGG
 TGTCCTCGGAGGAGCCACGAATCGAAATGCTTCATGGAACCACCCTGGCCTTCAAGTTTCAGCATGGA
 GTCAATTGTTGCAGCGGATCCCGGGCCACCGCAGGTGCCTACATTGCTTCCCAGACAGTGAAGAAAGTGA
 TAGAGATCAACCTTACCTTCTGGGCACCATGGCTGGGGTGCAGCGGATTGCAGCTTCTGGGAGCGGTT
 GTTGGCTCGACAGTGTGAATCTATGAGCTTCGCAACAAGGAACGCATCTCGGTGCGGGCGCCCTCCAAA
 CTGCTTGCCAACATGGTGTATCAGTACAAAGGCATGGGGCTGTCCATGGGCACCATGATCTGTGGCTGGG
 ATAAGAGAGGCCCGGCCCTACTATGTAGACAGTGGGGGAACAGGATCTTGGAAACCGCCTTCTCAGT
 GGGATCTGGCTCCGTGTATGCGTTTGGAGTCATGGATCGAGGCTACTCCTATGACCTACAAGTGGAGGAG
 GCCTATGACCTGGCCCGGAGCCATCTACCAAGCCACCTACAGAGATGCCTACTCCGGAGGAGCAGTCA
 ACCTTACCATGTGCGGGAGGATGGCTGGATCCGTGTCTCCAGTGACAATGTAGCTGACTTACATGACAA
 GTATACTTCATCTATCCCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001105727
Insert Size: 792 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.
RefSeq:	NM_001105727.2 , NP_001099197.2
RefSeq Size:	866 bp
RefSeq ORF:	792 bp
Locus ID:	29425
UniProt ID:	P28075
Cytogenetics:	15p13
Gene Summary:	mouse homolog plays a role in production of peptides for MHC class I antigen presentation [RGD, Feb 2006]