

Product datasheet for **MC207408**

Srprb (NM_009275) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srprb (NM_009275) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Srprb
Synonyms:	AA409543
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207408 representing NM_009275 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTCGGCGAACACCCGGCGAGTTGGCGATGGCGCCGGTGGCGCCTTCCAGCCTTACCTCGACTCCT
TACGACAGGAGCTGCAGCAGAGGGATCCGACGCTGCTCTCCGTGGCGGTGGCTCTCTGGCGGTGCTGCT
GACGCTGGTGTCTGGAAGTTCATCTGGAGCCGAAAGAGCAGTCAGAGAGCTGTTCTCTTCGTTGGTCTC
TGTGACTCTGGGAAAACGTTGCTGTTTGTGAGGTTGCTAACTGGCCAGTACAGAGACACACAGACTTCCA
TTACCGATAGTTCTGCCATATACAAAGTCAACAATAACAGGGGTAAACAGCCTGACTCTGATCGACCTCCC
CGGCATGAGAGCTTGAAGTTTCAGCTCTTAGATCGCTTTAAGTCTTCAGCTAGGGCTGTGGTGTGGTGTG
GTGGACAGTGCAGGCTTCCAGCGGGAGGTGAAAGATGTGGCCGAATTTCTGTACCAGTCCCTCATCGACA
GCATGGCTCTGAAGAACTCACCGTCTTATTAATAGCCTGCAATAAGCAAGATATCGCAATGGCAAAATC
AGCGAAGTTGATCCAGCAGCAGCTTGAAGGAGCTCAACACCTTACGAGTACCCGGTCCCGCGCTCCC
AGCACACTGGACAGTTCCAGCACCGCACCTGCTCAGTTGGGGAAGAAAGGCAAAGAAATTTGAATTTTCCC
AGTTGCCACTCAAAGTGGAGTTCCTGGAGTGTAGTGCCAAAGGTGGACGAGGGGACACTGGCTCTGCTGA
CATCCAGGACTTGAGAAGTGGCTGGCCAAGATTGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_009275
Insert Size:	810 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_009275.4 , NP_033301.1
RefSeq Size:	2991 bp
RefSeq ORF:	810 bp
Locus ID:	20818
UniProt ID:	P47758
Cytogenetics:	9 F1
Gene Summary:	Component of the SRP (signal recognition particle) receptor. Ensures, in conjunction with the signal recognition particle, the correct targeting of the nascent secretory proteins to the endoplasmic reticulum membrane system. Has GTPase activity. May mediate the membrane association of SRPR.[UniProtKB/Swiss-Prot Function]