

Product datasheet for MC201169

Sprr2a1 (NM_011468) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sprr2a1 (NM_011468) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sprr2a1
Synonyms:	Sprr2a; Sprr2a3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC010818 sequence for NM_011468

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CAAGCATTGGTCTGCTCCGAGAACCTGATTCTGAGACTCAAGTACGATGTCTTACTACCAGCAGCAGTG
CAATCAGCCGTGCCGGCCTCCTCCTGTGTGCCACCCCGAAGTGCCCTGAGCCTTGTCCTCCCAAGTG
TGGCCTGGGCCTTGTGTCCTGTGTCATGTGCTTTGAGCCTTGCTCTCCTTCAGTGTGGCCTGGGCCGTGTC
GTCCTGTAGTGTGCTATGAGCAATGCCACCTCAGCCATGGCAGTCAACATGCCCTCCTGTGCAATTTCC
ACCATGCCAGCAGAAGTGACCACCAACAGGTGAAGGCCTCCAGTCATCAGGACCAGGGGAAGTGAAAG
AAATCTGTCTCACCAGCTACCGACTCCATAGCAACACTTCCATCCTCCTTTGAAAGCCTGTCTGGATGC
AGAAGAATCTTCTCCACCCTTCATCCTCCATGTGCTTATGATGGCTCCTCACAGAGAAGGCATTGCTCTC
AGGCTGATCTCCTGCTGCTTTCTGGGGATGCTGAGAATGATCCTTTCTTGTGTTTTGTACACCAGGGG
AAGCACAACAGGTATCTACTCTGTGCTTTCAGAGGAGCCTTCTCAGCCTGCCTGTTACCTGATCAGGGCA
ATGGTCACTGCTGTTTCATTTCTGAAATAAAAAAGGACCCCTTTGGTGATGGTCTAATAAATACTTTT
TTCTTGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
  
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Restriction Sites:	RsrII-NotI
ACCN:	NM_011468
Insert Size:	252 bp
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).


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Reconstitution Method:

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: [BC010818](#), [AAH10818](#)

RefSeq Size: 738 bp

RefSeq ORF: 252 bp

Locus ID: 20755

UniProt ID: [Q4KL71](#)

Cytogenetics: 3 40.14 cM

Gene Summary: Cross-linked envelope protein of keratinocytes. It is a keratinocyte protein that first appears in the cell cytosol, but ultimately becomes cross-linked to membrane proteins by transglutaminase. All that results in the formation of an insoluble envelope beneath the plasma membrane (By similarity).[UniProtKB/Swiss-Prot Function]