

Product datasheet for MC209456

Sprr2d (NM_011470) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sprr2d (NM_011470) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sprr2d
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC209456 representing NM_011470

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTTACCAGCAGCAGCAGTGAAGCAGCCTTGCCAGCCTCCACCTGTGTGCCACCCAAGAAGTGCC
 CTGAGCCTTGCTCCTCTAAAGTGTCTGAGCCTTGCTCCTCCACCAAGTGCCCTGAGCCTTGCTCCTC
 TCCAAATGCCAGAGCCTTGCTGAGCCATGTCCCTCCCTCATGCCAGCAGAAATGCCCTCCTGCG
 CAACCTCCTCCACCCTGCCAGCAGAAGTGCCACCTAAGAGCAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_011470
Insert Size: 258 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: [NM_011470.2](#), [NP_035600.1](#)

RefSeq Size: 681 bp

RefSeq ORF: 258 bp

Locus ID: 20758

UniProt ID: [O70555](#)

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]