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Product datasheet for MC209458

Sprr2f (NM_011472) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sprr2f (NM_011472) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Sprr2f
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC209458 representing NM_011472 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGTCTTACCAAGAACAGCAGTGCAAGCAACCCTGCCAGCCTCCTCCTGTGTGTCCACCACCAAAGTGCC CAGAGCCTTGTTCTCCCTCGGTGTGCCCTGAGCCTTGTCCTCCTCCAAAGTGCCCTGAGCCTTGTCCTGA GCCATGTCCCCCTCCCTCATTCCAGCAGAAATGCCCTCCTGTGCAACCTCCTCCACCCTGCCAGCAGAAG TGCCCACCCAAGAGCAAGTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_011472
Insert Size:	231 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.
RefSeq:	NM_011472.2, NP_035602.1
RefSeq Size:	609 bp
RefSeq ORF:	231 bp
Locus ID:	20760
UniProt ID:	O70557
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]