

Product datasheet for **MG215356**

Sprr2d (NM_011470) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Tag: TurboGFP

Symbol: Sprr2d

Mammalian Cell Selection: Neomycin

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215356 representing NM_011470
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTTACCAGCAGCAGCAGTGAAGCAGCCTTGCCAGCCTCCACCTGTGTGCCACCCAAGAAGTGCC
CTGAGCCTTGCTCCTCTAAAGTGTCTGAGCCTTGCTCCACCAAAGTCCCTGAGCCTTGCTCCTC
TCCAAAATGCCAGAGCCTTGCTGAGCCATGTCCCTCCCTCATGCCAGCAGAAATGCCCTCCTGCG
CAACCTCCTCCACCTGCCAGCAGAAGTGCCACCTAAGAGCAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215356 representing NM_011470
Red=Cloning site Green=Tags(s)

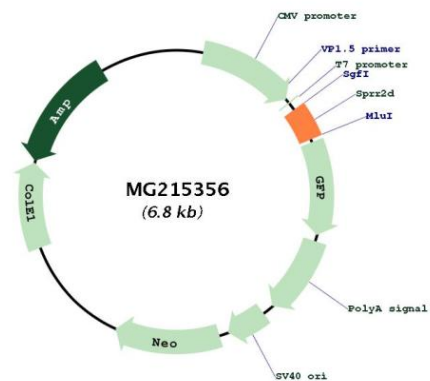
MSYQQQCKQPCQPPVCPKCKPEPCPLKPEPCPPKCEPCPPKCEPCPEPCPPSCQKCPPA
QPPPCQKCPPKSK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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.
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]

Product images:

Circular map for MG215356