

Product datasheet for RR200020

Szrd1 (NM 001100798) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Szrd1 (NM_001100798) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Szrd1

Synonyms:C1orf144; RGD1560286Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide >NM_001100798 ORF sequence, RR200020 may differ due to SNPs.

Sequence: Blue=ORF Red=Cloning site Green=Tag(s)

GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

GTGATCAGACAGCCGTTGGGTCCTGACGGGTCACAAGGCTTCAAACAGCGCAGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT

TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Protein Sequence: >Peptide sequence encoded by RR200020

Blue=ORF Red=Cloning site Green=Tag(s)

MRRSLRAGRRRQTAGRKSKSPPKVPIVIQDDSLPTGPPPQIRILKRPTSNGVVSSPNSTSRPALPVKSL AQREAEYAEARRRILGSASPEEEQEKPILDRPTRISQPEDSRQPSNVIRQPLGPDGSQGFKQRR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-Mlul



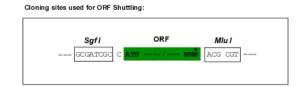
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

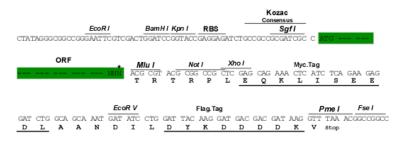
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



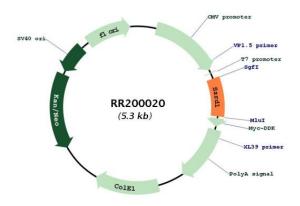
Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN: NM_001100798

ORF Size: 399 bp

Szrd1 (NM_001100798) Rat Tagged ORF Clone - RR200020

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

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: 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: <u>NM 001100798.1</u>, <u>NP 001094268.1</u>

RefSeq Size: 3199 bp RefSeq ORF: 402 bp

Locus ID: 500575

Cytogenetics: 5q36

MW: 14.8 kDa