

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; RGD1560286
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >NM_001100798 ORF sequence, RR200020 may differ due to SNPs.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGGAGGTCGCTGAGAGCTGGGAGGAGGCGGCAGACAGCGGGCAGGAAATCCAATCTCCTCCAAA
GTGCCATTGTGATTCAAGACGATAGCCTTCCACGGGGCCCCCTCCACAGATCCGCATCCTCAAGAGG
CCCACCAGCAACGGTGTGGTCAGCAGCCCCAACTCCACCAGCAGGCCAGCCCTTCTGTCAAGTCCCTA
GCACAGCGGGAGGCAGAGTACGCAGAGGCTCGGAGACGGATCCTAGGCAGTGCCAGCCCTGAGGAGGAG
CAGGAGAAACCCATCCTCGACAGGCCAACCAGGATCTCCAACCCGAAGATAGCAGGCAGCCAGTAAT
GTGATCAGACAGCCGTTGGGTCCTGACGGGTCACAAGGCTTCAAACAGCGCAGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Protein Sequence: >Peptide sequence encoded by RR200020
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MRRSLRAGRRRTAGRKS SPPKVIVIQDLSLPTGPPPQIRILKRPTSNGVVSSPNSTSRPALPVKSL
AQREA EYAEARRRILGSASPEEEQEKPI LDRPTRISQPEDSRQPSNVIRQPLGPDGSGQFKQRR
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: SgfI-MluI



[View online »](#)

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:	<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.
RefSeq:	NM_001100798.1 , NP_001094268.1
RefSeq Size:	3199 bp
RefSeq ORF:	402 bp
Locus ID:	500575
Cytogenetics:	5q36
MW:	14.8 kDa