

Product datasheet for **RN201672**

Ksr1 (NM_001108284) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ksr1 (NM_001108284) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ksr1
Synonyms:	Ksr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN201672 representing NM_001108284
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGTTTCGGCGTGAAGTGCAAGCATTGCAGGTTAAAATGTCATAATAAGTGTACAAAGGAAGCTCCCG
 CCTGCAGAATATCCTTCCTCCCCTAGCCAGGCTTCGGAGGACAGAGTCTGTCCCCTCAGATATCAACAA
 CCCAGTGGACCGAGCAGCAGAGCCCATTTTGGAAACCCTCCCAAGGCCCTAACCAAGAAGGAGCACCCCT
 CCAGCCATGAACCTGGACTCCAGCAGCAACCCATCCTCCACCACGTCCTCCACACCGTCATCGCCGGCGC
 CTTTCTGACCTCATCTAACCCCTCCAGTCCACCACGCCCCCAACCCATCACCTGGCCAGCGGGACAG
 CAGGTTCAACTTCCAGACATTTAGCCTGTCTCAGGCAGCCCCGCTGTCCAGCACAGCCGACAGTACA
 CGGCTTGATGACCAGCCAAAACAGATGTGCTGGGTGTTCCGAAGCAGAGGCCGAGGAGCTGAGGCTG
 GCAAGTCAGAGGCAGAAGATGATGAGGACGAGATTGATGACCTCCCAGCTCCCCTGGCCACTGGCGGGG
 CCCCATCTCTCGAAAGCCAGCCAGACCAGCGTCTACCTGCAAGAGTGGGATATCCCTTTGAACAAGTG
 GAACTGGGCGAGCCATTGGGCAGGGCCGTTGGGGCCGTGTGCACCGAGGCCGTTGGCATGGCGAGGTGG
 CCATTCGGCTTCTGAAAATGGATGGCCACAACCAGGACCCTGAAGCTGTTCAAGAAAGAGGTGATGAA
 CTACCGGCAGACCCGGCATGAGAACGTGGTGTCTTTCATGGGGCCCTGCATGAACCCACCTCACCTGGCC
 ATTATTACCAGCTTCTGCAAGGGGCGGACACTGCATTCATTTGTGAGGGACCCCAAGACGCTCTGGATA
 TCAACAAGACCAGGCAGATCGCCAGGAGATCATCAAGGGCATGGGGTATCTTCATGCAAAAGGCATCGT
 GCACAAGACCTCAAGTCCAAGAATGTCTTCTATGACAATGGCAAAGTGGTCATCACAGACTTCGGGCTG
 TTTGGGATTTTCGGCGTGGTCCGAGAGGAACGGCGAGAGAACCAACTGAAACTGTACACGACTGGCTGT
 GCTACCTGGCCCCGAGATTGTACGGGAAATGATACCCGGGAGGGACGAGGACCAGCTGCCCTTCTCCAA
 AGCCGCCGATGTCTATGGTGGTGGGACGGTGTGGTATGAACTGCAGGCAAGAGACTGGCCCTTTAAGCAC
 CAACCTGCCGAGGCCCTTGTCTGCGAGATTGGAAGTGGGAAGGAGTAAAGCGTGTCTTGCATCCGTCA
 GTCTGGGAAGGAAGTCCGAGAGATCCTGTCTGCTGCTGGGCTTTTACCTGCAGGAAAGACCCAGCTT
 CAGCCTGTGATGGACATGCTGGAGAAGCTACCCAAGCTGAACCGGCGGCTCTCCACCCTGGGCACTTT
 TGGAAAGTCGGCTGATGCTAACAGCAGCAAAGTCATGCCCGCTTTGAAAGTTTGGCCTGGGACCCCTGG
 AGTCCAGTAATCCAAGAT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001108284

Insert Size: 1563 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).

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_001108284.1](#), [NP_001101754.1](#)

RefSeq Size: 4166 bp

RefSeq ORF: 1563 bp

Locus ID: 360573

Cytogenetics: 10q25