

Product datasheet for **MC216424**

Oxsr1 (NM_133985) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Oxsr1 (NM_133985) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Oxsr1
Synonyms:	2210022N24Rik; 2810422B09Rik; AI462649; AW209236; mKIAA1101; Osr1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216424 representing NM_133985
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCGAGGACTCGAGCGCCCTGCCCTGGTCCATCAACAGGGACGACTACGAGCTGCAGGAGGTGATAG
 GGAGTGGAGCAACTGCCGTGGTCCAAGCAGCTTACTGTGCCCAAAAAGGAGAGAGTGGCGATCAAGCG
 GATAAACCTGGAGAAGTGTGAGACCAGCATGGATGAGCTCCTGAAAGAAATCCAGGCCATGAGCCAATGC
 CATCATCCTAACATTGTGTCTTACTACACATCTTTTGTGGTAAAGGATGAGCTGTGGCTCGTCATGAAGC
 TGCTAAGTGGAGTTCTGTTCTGGATATTATAAACACATTGTGGCAAAGGGGAACATAAGAGTGGAGT
 TCTGGACGAGCCAACCATTGCTACAATCTCCGAGAAGTCTTAGAAGGACTGGAGTACCTGCATAAGAAT
 GGGCAGATTCACAGAGATGTAAAGCTGGAAACATTCTTCTAGGAGAAGACGGCTCTGTGCAGATTGCAG
 ATTTTCGGCGTCAGTGCTTTTTAGCCACTGGTGGTGACATTACCAGAAATAAAGTGAGAAAAACGTTTGT
 TGGCACCCGTGCTGGATGGCACCCGAAGTTATGGAGCAGGTTGAGGTTATGATTTTAAAGCTGATATT
 TGGAGTTTTGGAATCACTGCGATTGAACTGGCCACAGGGGCGAGCTCCTTATCATAAATATCCACCAATGA
 AGGTTTTAATGCTGACGCTCCAGAATGATCCTCCTTCTTTGAAAAGTGGTGTCAAGATAAAGAAATGCT
 GAAGAAATATGAAAAATCATTGAGAAAAATGATTTTATTGTCCTTCAAAGGATCCAGAAAAAAGGCCA
 ACAGCAGCAGAACTGTTGAGGCACAAAATTTTCCAGAAAGCAAAGATAAAGAAATTTCTTCAAGAAAAA
 TACTCCAGAGAGCACCTACCATTCTGAAAGATCTAAAAGGTCGAGAGTCCCGGCTCCAGTGGCCG
 TCTCCATAAGACAGAGGACGGAGGCTGGGAGTGGAGTGACGATGAGTTTATGAGGAGAGCGAGGAAGGG
 AGAGCTGCCATTTCTCAGCTGAGGTTCTCCCGAGTAAAAGACTCATTATCCAGTTCTGAGCTCTTCGCGG
 CAGCTGAGCCATGGGGACTTTGCTTCAAGTTCAGAACAGATTCTGCTCATCTACCTCAGCCAGCTGG
 CCAGATGCCACACAGCCAGCTCAAGTCTCTCTCCTGCCCCCTGCAGAGCCAGCAAAACCAGCACAGGCT
 CAGTCTTCAGGAGAACGGTCCCAGGAGACCAAGATCCCTATCAGTCTAGTGCTAAGATTAAGGAATTCCA
 AAAAGAATAAATGATATTCGATTTGAATTTACTCCTGGGAGAGATACAGCAGAGGGTGTTTCTCAGGA
 GCTCATTCTGCTGGCCTGGTTGATGGAAGGGATTTAGTAATAGTGGCAGCCAATCTGCAGAAGATTGTG
 GAAGAACCTCAGTCAAACCGATCTGCTACTTTCAAAGTGGCATCTGGTGTGAAGGCTCGGATATTCCTG
 ATGATGGCAAAGTATAGGATTTGCCAGCTCAGCATCAGCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133985

Insert Size: 1584 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_133985.2](#), [NP_598746.2](#)

RefSeq Size: 4647 bp

RefSeq ORF: 1584 bp

Locus ID: 108737

UniProt ID: [Q6P9R2](#)

Cytogenetics: 9 F3

Gene Summary: Phosphorylates RELL1, RELL2, RELT and PAK1. Phosphorylates PLSCR1 in the presence of RELT.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.