

Product datasheet for **MR207815**

Suox (NM_173733) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Suox (NM_173733) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Suox
Synonyms:	SO
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207815 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCTGCAGCTATACAGATCCGTGGTTGTGAGGCTTCCACAGGCCATCAGAGTCAAGTCAACCCCT
 TGAGGCTCTGCATTCAAGCATGCTCCACAAATGATTCACTTGAGCCCCAGCATCCCAGCCTTACCTTTTC
 TGATGATAACTCAAGGACTCGGAGATGGAAGTATGGGGACCCTGTTAGGCCTGGGTGTGGTGCTGGTC
 TACCATGAGCATCGGTGTAGGGCTTCTCAGGAGTACCACGGATGACTCTAAAGAGGATGTGCGTTCTC
 ACAACAACCCATAAACTGGAGTCTGGGTAAGTCTAGGCTCTGAGGCTTCGATGTCACAAAATTTGTGGA
 CCTGCATCCAGGAGGACCATCAAACTGATGCTAGCAGCTGGAGGTCCTTAGAACCTTCTGGGCCCTC
 TATGCTGTGCACAACCAGCCCCATGTACGTGAGTACTGGCCGAGTAAAGATTGGGGAAGTGAACCCCG
 AAGATAGCATGTCCCCCTCCGTGGAAGCCTCTGACCCCTATGCTGATGATCCTATTGTCATCCAGCCCT
 GAGGATTAATAGCCAGCGCCCTTTAATGCAGAGCCTCCTCTGAACTGCTAACTGAAGGCTACATCACA
 CCAATCTATTTTCTTACCCGTAACCATCTGCCTGTACCTAACCTGGACCCACACACCTATCGCTTAC
 ATGTAGTAGGGGCACCTGGAGGTCAGTCACTGTCTGTCTTGGATGATTTGCATAAGTTTCCCAAACA
 TGAGGTCAGTGTCACTCTGCAGTGTGCTGGTAACCGGCGCTCCGAAATGAGTAAGGTCAAGGAAGTGAAA
 GGTCTGGAATGGAGAACAGGGGCCATCAGCACAGCAGCTGGGCTGGGGCCCGGCTCTGTGATGTGTTAG
 CCCAGGCTGGTCAACGACTCTGTGACTCTGAGGCCATGTCTGTTTTGAAGGACTGGATTAGACCCAC
 TGGAACTGCCTATGGAGCATCGATCCCTCTGGCTCGGGCCATGGATCCTGAAGCCGAGGCTCCTCTGGCT
 TATGAAATGAATGGTCAAGCTCTACCTCGTGACCATGGCTTCCCTGTACGGGTGGTGGTCTCTGGTGTAG
 TAGGTGCCCGTATGTCAAATGGCTCGGCAGAGTGAGTGTGGAATCAGAGGAGAGTTATAGTCACTGGCA
 GAGGCGGGATTACAAAGGCTTTTCTCCATCTGTGGACTGGGACACGGTAAACTTTGACCTAGCTCCATCA
 ATTCAGGAACTACCTATCCAGTCACTATCACACAACCTCAAGATGGGGCCATTGTAGAGTCAAGGCGAGG
 TGACTATCAAGGGCTATGCATGGAGTGGTGGTGGCAGGGCTGTGATTCGAGTGGATGTGTCTGTGGATGG
 GGGACTAACCTGGCAGGAAGCTGAGCTAGAGGGAGAGGAACAGTGTCCAGGAAGGCTGGGCTTGGCGA
 ATATGGCAGTTGAAAGCTCAGGTGCCGGCTGAGCAAAAGGAATGAACATCATTGCAAAGCTGTAGATG
 ACAGTTACAATGTGCAGCCAGACTGTAGCCCCAATCTGGAACCTTCGGGGCGTACTCAGCAATGCCTG
 GCACCGTGTCCATGTTCCAGGTGGTCCCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207815 protein sequence
 Red=Cloning site Green=Tags(s)

MLLQLYRSVVVRLPQAIRVKSTPLRLCIQACSTNDSLEPQHPSLTFSDNSRTRRWKVMGTLLGLGVVLV
 YHEHRCRASQESPRMYSKEDVRSHNNPKTGWVTLGSEVFDVTKFVDLHPGGPSKMLLAAGGPLEPFWAL
 YAVHNQPHVRELLAEYKIGELNPEDSMSVSEASDPYADDPPIRHPALRINSQRPFNAEPPPELLTEGYIT
 PNPIFFTRNHLVPNLDPHYRLHVVGAPGGQSLSLSLDDLHKFPKHEVTVTLQCAGNRRSEMSKVKEVK
 GLEWRTGAISTARWAGARLCDVLAQAGHRLCDSEAHVCFEGLSDPTGTAYGASIPLARAMDPEAEVLLA
 YEMNGQPLPRDHGFPVVRVVPVGVGARHVKWLGRVSVSEESYSHWQRRDYKGFSPVDWDTVNFDLAPS
 IQELPIQSAITQPQDGAIVESGEVTIKGYAWSGGRAVIRVDVSVGGGLTWQEAELGEEQCPRKAWAWR
 IWQLKAQVPAEQKELNIIICKAVDDSYNVQPDTPAPIWNLRGVL SNAWHRVHVQVVP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_173733

ORF Size: 1641 bp

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: [NM_173733.1](#)

RefSeq Size: 2349 bp

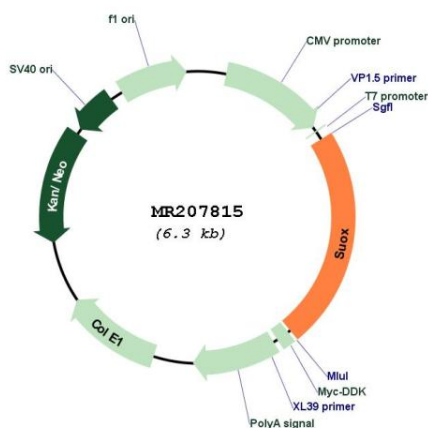
RefSeq ORF: 1641 bp

Locus ID: 211389

UniProt ID: [Q8R086](#)

Cytogenetics: 10 D3
 MW: 60.8 kDa

Product images:



Circular map for MR207815