

Product datasheet for MC201123

Sqor (NM_021507) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Sqor (NM_021507) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Sqor |
| Synonyms: | 0610039J17Rik; 4930557M22Rik; SQOR; Sqrdl |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >BC011153 sequence for NM_021507 CACGGTGTGCTCAGCCCGCTGATCTATCCTGGTGATGGCCCCACTGGTCGCTGTTGTCTCCAGTCCAC GTGCCCGCTCTTTGCCGTTTCCCTTAGGCTGGGCACTCAGCAGGCTGGACCCCTCCAATTGCATACAGG AGCCTGCTGCACAGCCAAGAACCCTATGAGGTGCTGGTACTTGGTGGGGAGCTGGGGGATCACCATG GCCACTCGAATGAAGAGGAGAGTTGGAGCAGAGAATGTGGCCATTGTTGAACCCAGTGAGAGGCCTTCT ACCAGCCAATCTGGACACTAGTGGGCGCGGGTGCCAAAGAGTTGTCTTGTGAGTCCGTTCCACACTGAG TGTGATTCCATCCGGAGTGCAGTGGATTCAAGATAGAGTGGCGAACTGAACCCAGACGAGAAGTATC CGCACAGACAGTGGCAAGGAGATCTCCTACAGATACCTTATCATCGCTCTTGAATCCAGCTGGACTATG AGAAGATTAAGGACTACCTGAAGGCTTTGCTTATCCCAAATAGGGTCCAATTACTCAGTGAAGACAGT GGAGAAGACATGGAAGGCCCTGCAGGATTTCAAGGAAGGCAATGCCCTTTTACCTTCCCAAACACTCCG GTGAAGTGTGCTGGTGGCCCCAGAAGATCATGTACCTATCAGAAGCCTACTTCAGGAAGACTGGAAGC GACCCAAGGCAAACATCATCTTCAACACAGCTTTAGGAACAATTTTGGAGTTAAGAAGTATGCAGATGC CTTGACAGGAGATCATTCCGGGAGAGGGACGTCTCTGTCAACTATAAGCACAACTTATTGAGTCCGACCT GACAAACAGGAGGCCGTTTTTGGAGTCTGGACAAGCCTGGGGAGACGCATGTGATTCTTATGAAATGC TTCATGTCACACCACCTATGAGTGCACCAGATGTCCTCAAGAGGAGTCTGTGGCTGATTCTGCTGGCTG GGTGGACGTGGACAAAGAGACTCTGCAGCATAAGAAATACCCGAATGTGTTTGGCATTGGGGACTGCACC AATCTTCCAACCTCAAAGACTGCTGCTGCAGTAGCTGCCAGTCTGGAATCCTTGATAGAACAATGTGTC CAACCGAGTGATTCTTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGT AAAGCGAATTACTATGTACCTAATGAAGGCTGACATGATGCCATTCTGTACTGGAATATGATGCTCA GAGGCTACTGGGGAGGTCCAGCCTTCTTGCAGAAAGCTGTTTCATCTGGGCATGAATTAAGATGGCTCAC AGCTTGTCTTTCTGGATGGCTTCTGGATCAAAATCGCAGTACTGATTGACATGACAGATACAAAGGAC TCAGAACCTCACCTTTAAGGAGTTGGACATGGTACCCTTTCTAGGCCTCTGAATAGCTATCATGTGGA TAACCCAAACGAGTCTTTGAAACATCCAAGTAAATAAACTCTATTTTCTAAATAAAAAAAAAA AAAAAA |
| Restriction Sites: | RsrII-NotI |



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| ACCN: | NM_021507 |
| Insert Size: | 1353 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: | <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: | BC011153 , AAH11153 |
| RefSeq Size: | 1616 bp |
| RefSeq ORF: | 1353 bp |
| Locus ID: | 59010 |
| UniProt ID: | Q9R112 |
| Cytogenetics: | 2 E5 |
| Gene Summary: | <p>Catalyzes the oxidation of hydrogen sulfide with the help of a quinone, such as ubiquinone, giving rise to thiosulfate and ultimately to sulfane (molecular sulfur) atoms. Requires an additional electron acceptor; can use sulfite, sulfide or cyanide (in vitro).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript. Both variants 1 and 2 encode the same 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.</p> |