

Product datasheet for **MC202572**

Sephs1 (NM_175400) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Sephs1 (NM_175400) Mouse Untagged Clone
Tag: Tag Free
Symbol: Sephs1
Synonyms: 1110046B24Rik; AA589574; AI505014; AW111620; SELD; SPS; SPS1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC066037 sequence for NM_175400
GGAGGCGCTCCGGCCACCGGCCCGCCCTTAAAGGGAGGTGGCCGCTCTTAAAGGGACCCTCACGCGCC
CGGCCGCGGGAGCGCGCGGCCCGGTTCCCGGAGGGCCGCGCCAGCCTAGGCCGAGCTCCACGCGCG
TCCGAGCGCCCGCGGTTGCCGCCACCGGGAGCAGCATTTTTTTTTTTTTTTTTTAAATTCAGGCGA
CGCTTAAAGGGAGCCAGCGCGCCCGGTGCATTGTGGGAGCGCCGCGCCGTTTTCGGGAGGAGCGGAG
GGCGCAAAGCGAGCCGGTGGATCACAAGTAGAAAGCCAGTGGATCTAGAGAGAGGGAGGGGAGGGCTG
AGCTGTGGAGAGTGGCGCCCAAGCACTGCTACTCGAGAGTCTTTAAACCCGGAGACTTATGAATTGG
ACAAGAGCTTCCGGCTAACCAAGTTTACTGAACTGAAAGGCACAGGCTGCAAAGTCCCCAAGATGTCCT
ACAGAACTGCTGGAATCTTACAAGAGAACCCTTCCAAGAAGATGAGCAGTTTCTGGGAGCTGTTATG
CCACGACTTGGCATTGGGATGGATACTTGCCTCATTCTTTGAGGCATGGTGGTCTTTCCTTGGTTCAGA
CCACAGATTACATTTATCCTATCGTCGACGACCCGTATATGATGGGCAGGATAGCATGTGCCAATGTCCT
CAGTGACCTTTATGCAATGGGTGTCACGGAGTGTGACAAATATGCTGATGCTCCTTGGAGTCAGTAATAAA
ATGACTGACCGGGAGAGGGATAAAGTGATACCGCTAATTATACAGGGTTTTAAAGATGCGGCAGAGGAAG
CGGGAACCTCTGTAAACAGGCGGCCAAACGGTATTAACCCCTGGATTGTTCTGGGAGGAGTGCACACAAC
GGTCTGCCAGCCCAATGAATTTATCATGCCAGATAATGCAGTACCTGGGGATGTGCTGGTATTGACAAA
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TGCTGGCGAAGATGGCCGCTGTGAGCAAAGCCTGCGGAAACATGTTCCGGCCTAATGCATGGGACCTGCC
AGAGAGCTCAGGAGGCTGCTAATCTGTCTACCCCGTGCAGCAAGCAGCTCGGTTCTGTGCAGAGATCAAG
TCCCCCAATACGGCGAAGGGCACCAAGCATGGATTATTGGGATAGTGGAGAAGGGCAACCCGACAGCCA
GGATCATCGACAAGCCTCGGATTATTGAAGTCGCACCTCAAGTAGCCACACAAAACGTGAACCCACACC
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TATGAGTGGATGCAATTAATAAAATGAAATCCATGGCCGCTTTTCTGTTACATTAACCTGAAGATGCAC
CCGACCTCCAGGAGCTTCTGAGTTGAGAGTGATCCTGTTATCCAATCCTGTTGATTCATTTGAATCTT



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TAGCTGTGTGCTCTTGCCGCATAGGCGCTCTCTAAAGGTGCTTTTCTGCCACTCGGGCATTGCTGAGAG
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CAGTTGACATTCTAGAAAACAGAAATGGTAAGTGACATGATGGTCTCCCCGTAGTCAGAGGGTTGCATGG
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CCTGAGACCCAGAGTCACTTCTGGCTGTGGAACCGAGTCCATCTCTCAATGTACCCTGTAGGGCTC
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GGGTCCTCTAGTCTTAGCCATTCTCTTTATTTTCACTGGCTCTATGTGTGTGTAAAGTTCTTGTGAC
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CATAATTAAGTTTAGCAGGTTATTTCCACAGGCTGGGTGAAGCAACAACATTCTGTTCTTTTTTGG
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CATGTGCAAAGAACAGTGACCTGCACGTACATCGTGTGCTATGTACTCATGCACCTAGCAATAAATACAT
TAATATTTTCAATGTCAGAGTCTAGATCTTCAATTTTATCTGTAGAAACAGAAATAATAGCTATACTAGT
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CCTGCTGAAACGCTCGTTTTATCTGACCAGGTGCTCACACAACATACTCTGCTTCAAACACTCGAGT
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GAGTGAGTATTGGGTGCATAGGTCTTAACATTCTCTGAGTCTTCTATTATGATAGACCTCACATATCAA
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TGTAACAAAGTCCAGGACTGTGGAGTGGGTCTAGTGACACAGGGCTGTAATCCACATACTCAGGAGG
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CACAAAGGATCCTAAAAAGTTCGAAAGTATAGCTTAGTGGTAGAGTATTTGCCTAGCATTACAAGGCC
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TGGAAATATAGAAATGTAATGTTTATCCCAAGCATATTTTGCACACTTTTAAAGCAAAAATATATAA
AATTTAATGTCTAGGATATATTCTGGGTTTGGGTCCACTTTGAGAAAATAAACTATAATAGTTTAAAAA
AA
AA

Restriction Sites:	Ascl-NotI
ACCN:	NM_175400
Insert Size:	1179 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:	BC066037 , AAH66037
RefSeq Size:	5426 bp
RefSeq ORF:	1179 bp
Locus ID:	109079
UniProt ID:	Q8BH69
Cytogenetics:	2 A1
Gene Summary:	Synthesizes selenophosphate from selenide and ATP.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, and 3 all encode the same isoform (a).