

Product datasheet for **MC202692**

Serpinh1 (NM_009825) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serpinh1 (NM_009825) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serpinh1
Synonyms:	BERF-1; Cbp1; Cbp2; gp46; Hsp47; J6; Serpinh2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC085143 sequence for NM_009825
 GCAGAGCCTGTCTGAGGAGCGATTGCCCTGTCCGGTCCCGGAGCAGCCCAGCCCGCCAGAATGAAAAAG
 GCAGGCAATGATCTCCCTCTGAGGCCCTTTCAAGCCCTCACAGGTCTCTGTGGTGCACACAGCCCACCT
 CCCAGCCATGCGCTCTCTCTTCTGGGCACCTTATGCCTCTTGGCCGTGGCCCTGGCAGCCGAGGTGAAG
 AAACCCCTAGAGGCGGCAGCCCTGGTACTGCGGAGAAGCTAAGTTCCAAGGCGACCACACTGGCAGAGC
 GCAGCACAGGCCCTGGCCTTCAGCCTATATCAGGCGATGGCCAAAGACCAGGCGGTGGAGAATCCTCCT
 GTCACCCCTTGGTGGTGGCCTCATCCCTGGGTCTTGTGTCACTGGGTGGTAAAGCCACACAGCGTGCAG
 GCGAAGGCAGTGCTGAGCGCTGAGAAGCTGCGCGATGAGGAGGTGCACACGGGGCTGGGTGAGCTGCTCC
 GCTCCCTCAGCAACTCCACTGCGCGCAACGTGACCTGAAACTGGGCAGCCGCTGTACGGGCCAGCTC
 CGTGAGCTTCGCGATGACTTCGTGCGCAGCAGCAAGCAACTACAACACTGCGAACACTCCAAGTCAAC
 TTCGAGACAAGCGCAGCGCCCTGCAGTCCATCAACGAGTGGCCCTCGCAGACCACGGACGGCAAGCTGC
 CTGAGGTACCAAGGATGTGGAGCGCACGGATGGGGCACTGCTTGTGAACGCCATGTTCTTTAAGCCACA
 CTGGGATGAGAAGTTTACCACAAGATGGTGGACAACCGTGGCTTCATGGTGACCCGCTCTATACTGTG
 GGTGTTACGATGATGCACCGGACAGGCCGTACAACACTATGACGACGAGAAGGAGAAGCTGCAGATGG
 TGGAGATGCCCTGGCTACAAGCTCTCCAGCCTCATCATCCTCATGCCACCACGTGGAGCCGCTCGA
 GCGCTTGAGAAGCTGCTGACCAAGGAGAGCTGAAGGCCTGGATGGGAAAGATGCAGAAGAAGGCTGTC
 GCCATCTCCCTGCCCAAGGGCGTGGTGGAGGTGACCCATGACCTGCAGAAACATCTGGCAGGACTGGGCC
 TGACCGAGGCCATCGACAAGAACAAGGCAGACCTATCGCGCATGTCTGGCAAGAAGGACCTGTACCTAGC
 CAGTGTGTTCCATGCCACTGCCTTCGAGTGGGACACCGAGGGCAACCCCTTTGACCAAGACATCTACGGG
 CGCGAGGAGCTGCGCAGCCCAAGCTGTCTATGCCGACCACCCCTTCATCTTCTGGTGGCAGATAATC
 AGAGCGGCTCCTGTCTTCAATTGGCCGCTGGTCCGGCCCAAGGGAGACAAGATGCGAGATGAGTTGTA
 GAGTCCAAGAGTGGGCGTGGCACGGCAGGAAGTAGCCAAAGTTCTGAGACACATGGGTGCTATTGTGG
 GGGGAGGGGAGGCACCAACCCCTGGATATTCCACGGGTGGGGGGGTTGGCAGTGCAGATCGGAATCCC
 ATATGTCTGAGTGGGTATTTTTAGACAGAATCCACTCCTAAGTTAGGACATGGAGCCAGATACTATGAT
 ACCAAATTGAGGGGTGTACAGCCATTTTTGTTCTGCCCTGCAAGTTTTAGATCCAATCTGCCTCAACAGT
 CAATCAGTGTTTATTTATGGCCAGGCATTCTATCTGTTAGACAATCGAGTTGGGGGTAGGGCAGCCTA
 GCTCTTTTTGTCACCTTGCCCGAGCCCTTTCAGTCTTCTGTTACCCCTCCTCCACTCCCTTTAACC
 GCAAACTAGGTGCTGTGGCCCCAGACTACCCATCCTTAAATGATCCTTGCCAGCGGTGGGAGCTGGG
 AGACAGTGCATGGGAGGGGCTCCCTGGCATGCCTGCCCTAGAATTGTTATGTTGGGCATCACAGTCATGA
 ACTTTTGTCTTTCTCCCTTTTTTAGTTTTTTCAAAGATGGGGGAAGGAAATATGAGCCTTTGTTGCTT
 TCAAAACGAGAACAGTTTGTACAAGTTTTTTTTTTGAATAAACTTTTCCAATGAAAAAAAAAAAAAAAAA AAAAAAAAAA

- Restriction Sites:** Ascl-NotI
- ACCN:** NM_009825
- Insert Size:** 1254 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: [BC085143](#), [AAH85143](#)

RefSeq Size: 2111 bp

RefSeq ORF: 1254 bp

Locus ID: 12406

UniProt ID: [P19324](#)

Cytogenetics: 7 E1

Gene Summary: Binds specifically to collagen. Could be involved as a chaperone in the biosynthetic pathway of collagen.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, 3 and 4 encode the same protein.