

Product datasheet for MC204442

Serp1b1 (NM_173052) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Serp1b1 (NM_173052) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Serp1b1
Synonyms:	6330533H24Rik; EIB; ovalbumin; Serpin1b1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC030354

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CCACGCGTCCGGCTTCTCTAGGTCTCTAGCAAGTGGAGCCAGAGCTGCTACAGAGGAGCCTTCCACCAT
GGAGCAGCTGAGTTCAGCGAACACCCTTTCACCTTGGAGCTGTCCACACACTGAAGGAAAGCAGCCCC
ACAGGAAACATCTTCTCTCCATTTAGTATTTCTTCTTCTTGGCCATGGTCTTTCTGGGAGCCAAAG
GCAGCACTGCAGCCAGCTCTTAAGACTCTTCAATTTTACTCTGTTGAGGACATCCATTATGCTTTCA
AAGCCTGACTGCTGAAGTGAAGCTGGGAGCATCTCACACTCTGAACTTGCTAACAGACTGTATGGA
GAGAAAACCTACAATTTCTTCTGAGTCTTGGCTTCCACCCAGAAAATGTACAGTGTGACTTGGCCG
CTGTGGATTTTCAAGTGCCTCTGAGGATGCAAGGAAGGAGATAAACCAATGGGTCAAAGGTCAAACAGA
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TCTGGCATGTGAGGATCCAGAGATCTTTTCGTATCAAAAATTGTCCACAAGTCATTTGTGGATGTTAATG
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GTATGTATATATTGTTTTCCCTGAAAAATCTAATTTCCACTGTCAACAGAATCACGTCTAAAAGCTAA
AGAATTAATAGATGTATAGATTCATGACTGTGAGGTAACCTGTGCAATTGTAATAGGCTCCTGATAGGC
ATGAAAATGTATGGCTTTTCCATTCAATTGTTTTCCAATTTAGAATTAGAGTAAAAAAAAAAAAAAAAAA

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Restriction Sites: RsrII-NotI



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ACCN:	NM_173052
Insert Size:	1149 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:	BC030354 , AAH30354
RefSeq Size:	1609 bp
RefSeq ORF:	1149 bp
Locus ID:	282663
UniProt ID:	Q8VHP7
Cytogenetics:	13 13.81 cM
Gene Summary:	Regulates the activity of the neutrophil proteases. Forms only a stable complex with CTSG/Cathepsin G (PubMed:12189154). During inflammation, limits the activity of inflammatory caspases CASP1 and CASP4 by suppressing their caspase-recruitment domain (CARD) oligomerization and enzymatic activation (PubMed:30692621).[UniProtKB/Swiss-Prot Function]