Supplemental Material

- Table 1

Fluorochrome-labeled antibodies.

- Table 2

Primers used for RT-PCR array analysis.

- Figure S1

Colloidal blue gel electrophoresis demonstrating purity of Serp-1 protein.

- Figure S2

Analysis of MHV68 proliferation in vitro in mouse fibroblasts (pfu/mL)- comparison of mock treatment with Serp-1 treatment.

Supplemental Tables

Supplemental Table 1. Fluorochrome-labeled Antibodies Utilized for Flow Cytometry

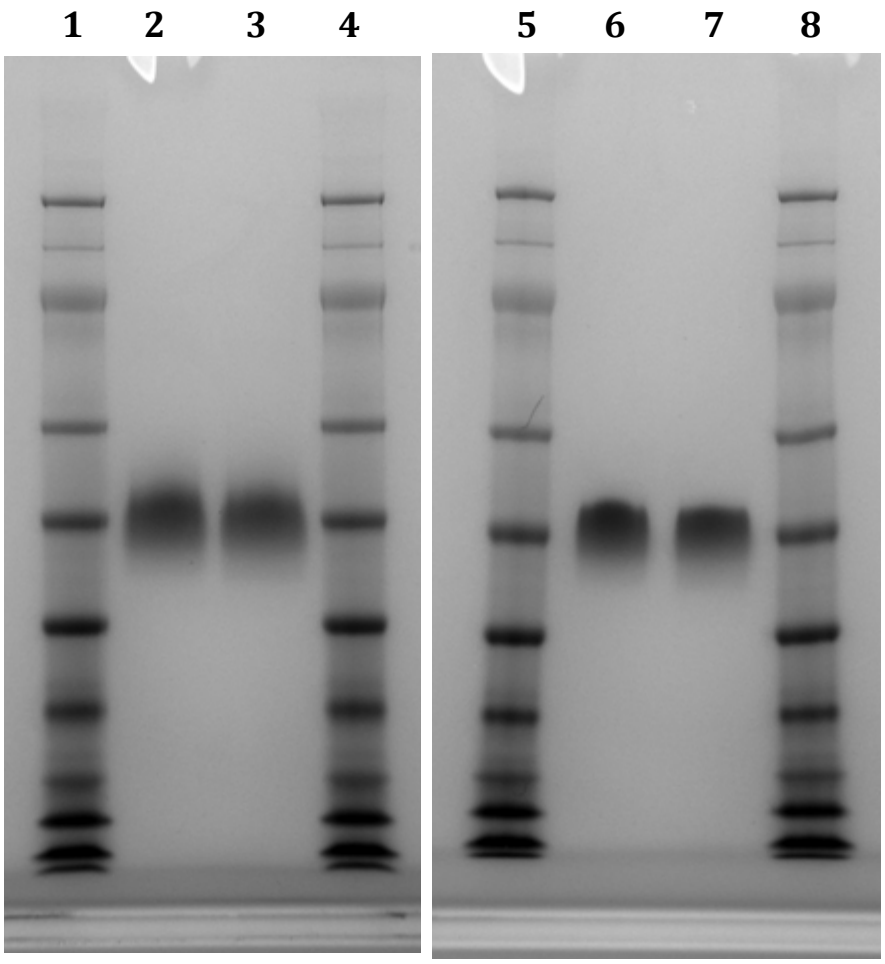
Cell types	marker
cytotoxic T cell	Anti-CD3-PerCP-Cy5.5; Anti-CD8-APC-eFluor780
T helper cell	Anti-CD3-PerCP-Cy5.5; Anti-CD4-PE-Cy7
Th1 cell	Anti-IFNγ-FITC
Th2 cell	Anti-IL4-PE
Th17 cell	Anti-IL17a-AF647
Treg cell	Anti-FoxP3-eFluor450
B cell	Anti-CD19-Cy7
Hematopoietic stem cell	Anti-CD34-PerCP-Cy5.5
NK cell	Anti-NK1.1-eFluor450
monocyte	Anti-CD11b/c-APC-eFluor780
dendritic cell (Mature)	Anti-CD83-PE
dendritic cell (Immature)	Anti-CD206-FITC
memory T cell	Anti-CCR6-APC

Supplemental Table 2. Primer Sequences Utilized in Quantitative RT-PCR Assays

Gene name	Forward primer	Reverse primer
factor II	CCGAAAGGGCAACCTAGAGC	GGCCCAGAACACGTCTGTG
Factor X	GAGGGACACCTACGACTATG	GCCCAGTCTTTCTGAGGCA
uPAR	CAGAGCTTTCCACCGAATGG	GTCCCCGGCAGTTGATGAG
tPA	AACGCAGACAACTTACCAACA	GTTCGCTGCAACTTCGGA
uPA	GCGCCTTGGTGGTGAAAAAC	TTGTAGGACACGCATACACCT
PAI1	TTCAGCCCTTGCTTGCCTC	ACACTTTTACTCCGAAGTCGGT
PAI2	GTGCTGGGGGTAACACTGAAC	GCGAAATCACAGCCACTGAAG
PAR1	TGAACCCCCGCTCATTCTTTC	CCAGCAGGACGCTTTCATTTTT
PAR2	TCCGGTCGTCTACATTATTGTGT	AGGGGGAACCAGATGACAGAG
PAR3	CCAGTCACTGTTTGCCAAAGT	CCCTCTATGTCAGAAAGTGGGA
NSP	TCTTCTCTCCACTAAGCATTGCC	TCAGACCCTCATATCCCATTGAA
IL-1β	AGCCCATCCTCTGTGACTCATG	GCTGATGTACCAGTTGGGGAAC
IL4	GGTCTCAACCCCCAGCTAGT	GCCGATGATCTCTCTCAAGTGAT
IL6	TAGTCCTTCCTACCCCAATTTCC	TTGGTCCTTAGCCACTCCTTC
IL10	GCTCTTACTGACTGGCATGAG	CGCAGCTCTAGGAGCATGTG
IL17	TCAGCGTGTCCAAACACTGAG	GACTTTGAGGTTGACCTTCACAT
TNFa	CCCTCACACTCAGATCATCTTCT	GCTACGACGTGGGCTACAG
Traf3	CAGCCTAACCCACCCCTAAAG	TCTTCCACCGTCTTCACAAAC
IFNγ	ATGAACGCTACACACTGCATC	CCATCCTTTTGCCAGTTCCTC
TGFβ	TGACGTCACTGGAGTTGTACGG	GGTTCATGTCATGGATGGTGC
L-selectin	TCTGGGAAATGGAACGATGACG	CCGTAATACCCTGCATCACAGAT
E-selectin	GAATGTGCGGAAGAACCAGTT	ATGGCCGTCATCTTGGTAATG
addressin	CTGAGCCCTACATCCTGACCT	GCTTCACAGAGTAGCTCCCAG
VCAM1	AGTTGGGGATTCGGTTGTTCT	CCCCTCATTCCTTACCACCC
CCR1	AGCCAGTACGAAGTGATCTGC	CTGCGAGCCCAGTGACAAA

CCR2	AACAGTGCCCAGTTTTCTATAGG	CGAGACCTCTTGCTCCCCA
CCL5	ACCAGTGGCAAGTGCTCCA	GCACACACTTGGCGGTTCTT
MCP-1	CCCACTCACCTGCTGCTACT	TCTGGACCCATTCCTTCTTG
CD3	GTGGAACACTTTCTGGGGCATCCTG	TGTTCTCGGCATCGTCCTGGCA
CD4	ACCATGTGCCGAGCCATCTCTCTT	CCAGCACCAGCGTCTTCCCTTG
CD8	AGATTGTCGGCCCCGTGGCT	GACAGCAGAAGGGCCACGCA
CD11b	ATGGACGCTGATGGCAATACC	TCCCCATTCACGTCTCCCA
CD19	GCCGGCCCTTGTGTGGGATAGG	GCCATGGGAAGGCTAGAGCCAGG
CD25	CAAGAACGGCACCATCCTAAA	TCCTAAGCAACGCATATAGACCA
FoxP3	CCCATCCCCAGGAGTCTTG	ACCATGACTAGGGGCACTGTA
γ68HV-capsid	GTTGGGACCAGAGCCAGCGG	AACGCCCATGCCACACACGT
γHV-DNA-BP	GCGGCTATGTGGGCAAACGC	AACGGGACCAGCCACATGCG
bFGF	GAGTTGTGTCTATCAAGGGAGTG	CCGTCCATCTTCCTTCATAGC
ms-Tbet-F	AACCGCTTATATGTCCACCCA	CTTGTTGTTGGTGAGCTTTAGC
OPG	CAGCATCGCTCTGTTCCTGTA	CTGCGTTTTCATGGAGTCTCA
GATA3	CTCGGCCATTCGTACATGGAA	GGATACCTCTGCACCGTAGC
Itgb7	ACCTGAGCTACTCAATGAAGGA	CACCGTTTTGTCCACGAAGG
Itga4	GATGCTGTTGTTGTACTTCGGG	ACCACTGAGGCATTAGAGAGC
pycard	CTTGTCAGGGGATGAACTCAAAA	GCCATACGACTCCAGATAGTAGC
Bak1	CGGGAATGCCTACGAACTCTT	TGGTAGACGTACAGGGCCAG
IP10	CCAAGTGCTGCCGTCATTTTC	TCCCTATGGCCCTCATTCTCA
endoglin	CCCTCTGCCCATTACCCTG	GTAAACGTCACCTCACCCCTT
GAPDH	AGGTCGGTGTGAACGGATTTG	TGTAGACCATGTAGTTGAGGTCA

Supplemental Figure 1
Colloidal blue gels
demonstrating Serp-1 (VT-111)
purity for two purification lots



Colloidal Blue Non-reduced
Lane 1: See Blue Plus Standard
Lane 2: VT84999-30006 (1µg)
Lane 3: VT84999-20008 (1µg)
Lane 4: See Blue Plus Standard
Colloidal Blue Reduced
Lane 5: See Blue Plus Standard
Lane 6: VT84999-30006 (1µg)
Lane 7: VT84999-20008 (1µg)
Lane 8: See Blue Plus Standard

Supplemental Figure 2