

Figure S1. Amino acid sequence alignment comparison of human SLURP1 and a few selected proteins. An amino acid sequence alignment was conducted for human SLURP1, human SLURP2, Human Lynx1, Human Lypd6, Mouse SLURP1, Neurotoxin 1, Erabutoxin, and α - Bungarotoxin. The degree of sequence conservation was also demonstrated.

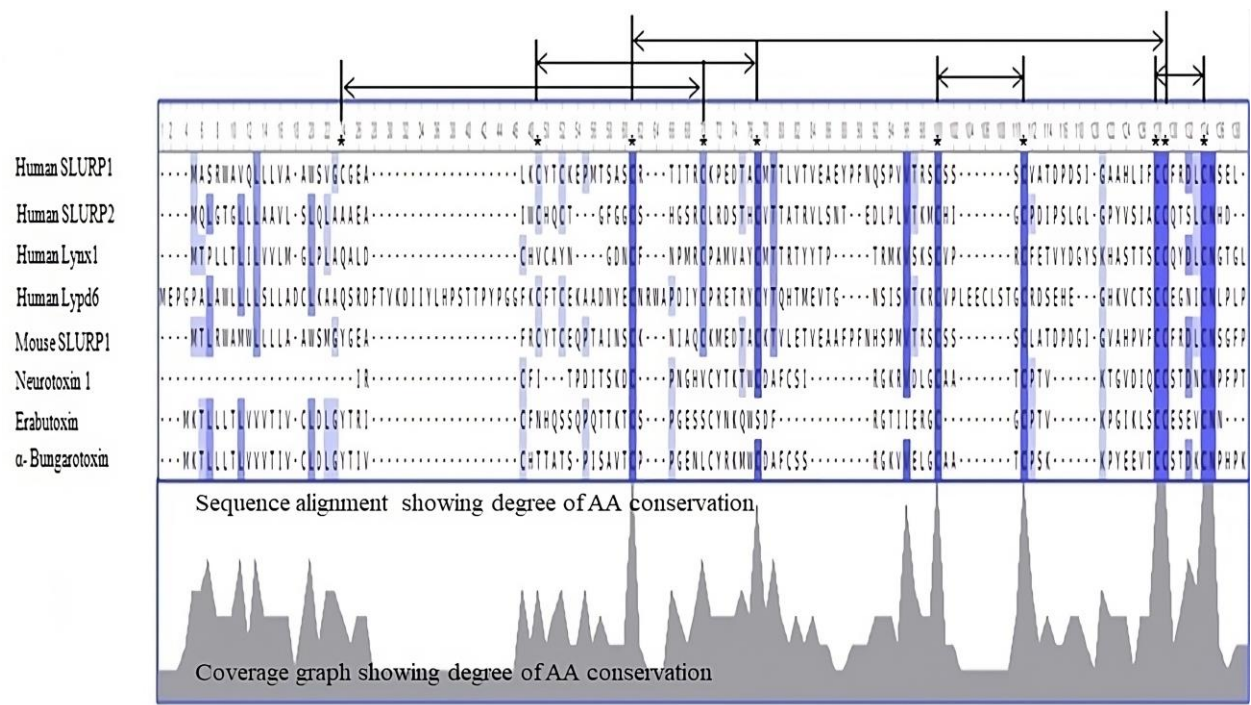


Figure S2. The original uncropped blot image showing all the bands with all molecular weight. Lanes 1 and 6 represent the molecular marker (size range from 10 to 180 kDa). Lanes 2 and 5 denote the purified rSLURP1 protein expressed by *E. coli* (DE3) as a positive control. Lane 3 indicates Vector control (VC) (ST JOL1800 with an empty vector), and lane 4 represents the therapeutic strain, JOL2238.

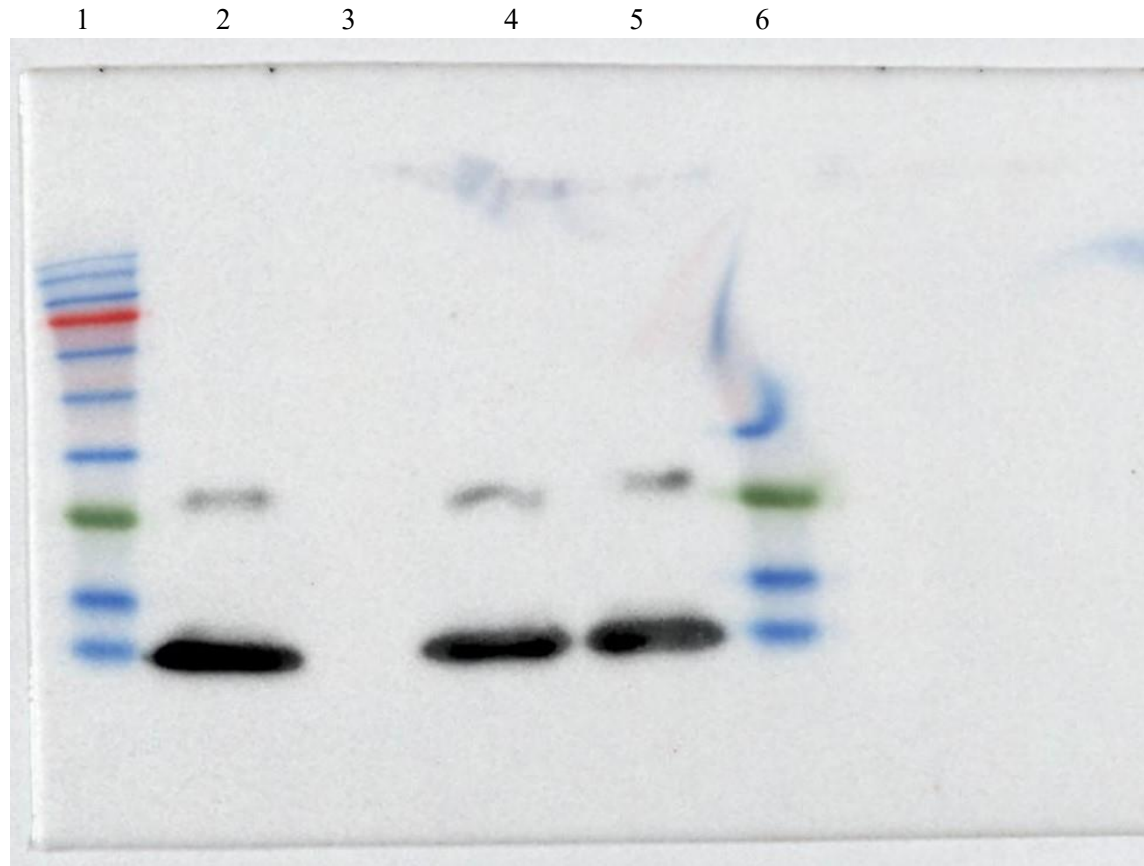


Table S1. Primer sequences used in qRT-PCR.

Gene		Forward	Reverse
Cell cycle-related	Cyclin E	GTCCTGGCTGAATGTATACATGC	CCCTATTTTGTTCAGACAACATGGC
	Cyclin B1	GGCTTTTCTCTGATGTAATTCTTGC	GTATTTTGGTCTGACTGCTTGC
	Cyclin B2	CCTCCCTTTTCAGTCCGC	CTCCTGTGTCAATATTCTCCAAATC
	Cyclin D1	CATCTACACCGACAACCTCCATC	TCTGGCATTTTGGAGAGGAAG
	Cyclin D2	GCTCTGTGCGCTACCGACTT	CACGCTTCCAGTTGCAATCA
	Cyclin D3	TGATTGCGCACGACTTCCT	CAAAGCCTGCCGGTCACT
	Cyclin A2	CTGCATTTGGCTGTGAACTAC	ACAAACTCTGCTACTTCTGGG
Endogenous receptor	nAChR	CTGCATTTGGCTGTGAACTAC	CACAAACTGAGACTAAGGCAG
(Human)	SLURP1	TTCTGAGCACGGAGCAATG	TTGCAGGTGTAGCACTTGAG
	NF- κ B	CTCCACAAGGCAGCAAATAGA	ACTGGTCAGAGACTCGGTAAA
	TNF- α	CTTGTTCTCAGCCTCTTCTC	TCAGCTTGAGGGTTTGCTAC
	IFN- γ	GTGGAGACCATCAAGGAAGAC	ACCTCGAAACAGCATCTGAC
	IL-1 β	CTGCGTGTTGAAAGATGATAAG	CCACATTGAGCACAGGACTC
(Mice)	RelA	GGTGGGCACTGGAGTTTATT	GAGGATGGATGGTCCAACCTTAC
	STAT1	CTGGAGGAGTTGGAACAGAAA	CTGAATGAGCTGCTGGAAGA
	TBK1	AGTACCCTGCTGCTCTATCA	GTGGACGGTCTCGTTGTAATC
	IRF3	GTCTTAAGGAGCTGTTAGAGATGG	TGGTCAGAGGTAAGGGAGATAG
	GAPDH	AACAGCAACTCCCCTCTTC	CCTGTTGCTGTAGCCGTATT
	NF- κ B	TGGGACCAGCAAAGGTTATT	GATCCCATCCTCACAGTGTTT
	VEGF	GCGAAGCTACTGCCGTCC	TCTGCATTGTGATGTTGCTC
	Bax	AGGATGCGTCCACCAAGAAGCT	TCCGTGTCCACGTCAGCAATCA
	Bcl2	CCTGTGGATGACTGAGTACCTG	AGCCAGGAGAAATCAAACAGAGG