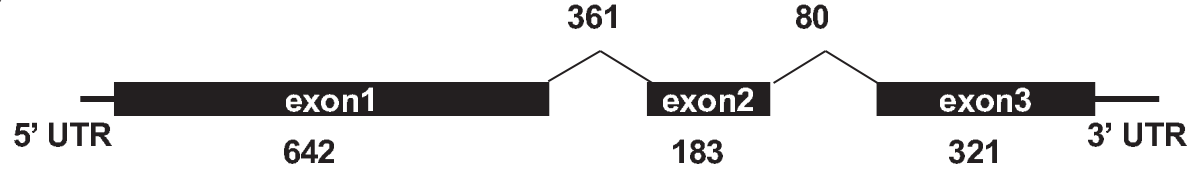


(A)



(B)

MSSSISPLLTTAISVAILLFSTISTAATIPNIHRPFNKIYAFGDS\*F TDTGNSRSGEGPAG-60  
Signal peptide Block I  
FGHLSSPPYGMTFFRRPTNRYSDGRLTIDFVAESMNLPFLPPYLSLKT TNANGTATDTHG-120  
Block II  
VNFAVSGSTVIKHAFFVKNLSLDMTPQSIETELAWFEKYLETLGTNQKVS LFKDSLFWI-180  
GEIGVND<sup>\*</sup>YAYTLGSTVSSDTIRELSISTFTRFLETLLNKGVKYMLVQGHPATGCLTLAMS-240  
Block III Block IV  
LAAEDDRDSLGCVQSANNQSYTHNLALQSKLKQLRIKYP SATIVYADYWNAYRAVIKHPS-300  
KYGITEKFKACCGIGEPYNFQVFQTCGTDAATVCKDPNQYINWDGV<sup>\*</sup>HLTEAMYKVMADMF-360  
Block V  
LDGTFTRPRFSDLLIKKLNYL-381

**Supplementary Figure S1.** The genomic organization of *SFAR4*, and primary sequence and structure for SFAR4 protein. (A) Genomic organization of the *SFAR4* gene. (B) Protein sequence of SFAR4 deduced from the cDNA sequence. GDSL motif is indicated by the square. Catalytic triad sites Ser45, Asp187, and His347 are indicated by asterisks.