

SERBP1	X4	RABBIT	1	MPGHLQEGFGCVV	TNRFDQLFDDES	DPFEVLKAAENKKKEAGGGVG	GPGAKSAAQAAAQ	TNSNAAGKQLRKES	SQKDRKN	
SERBP1	X1	RABBIT	1	MPGHLQEGFGCVV	TNRFDQLFDDES	DPFEVLKAAENKKKEAGGGVG	GPGAKSAAQAAAQ	TNSNAAGKQLRKES	SQKDRKN	
SERBP1	X2	RABBIT	1	MPGHLQEGFGCVV	TNRFDQLFDDES	DPFEVLKAAENKKKEAGGGVG	GPGAKSAAQAAAQ	TNSNAAGKQLRKES	SQKDRKN	
SERBP1	X3	RABBIT	1	MPGHLQEGFGCVV	TNRFDQLFDDES	DPFEVLKAAENKKKEAGGGVG	GPGAKSAAQAAAQ	TNSNAAGKQLRKES	SQKDRKN	
STM1	YEAST		1	-----					MSNPFDLLGNDVEDADV	

SERBP1	X4	RABBIT	81	PLPPNVGVVDKKEET	QPPVALKKEG	IIRRVGRRPDQQLQEGEK	IIDRRPERRPPRERRFEK	PLEEKGE	GGEFSVDRPIIDR
SERBP1	X1	RABBIT	81	PLPPNVGVVDKKEET	QPPVALKKEG	IIRRVGRRPDQQLQEGEK	IIDRRPERRPPRERRFEK	PLEEKGE	GGEFSVDRPIIDR
SERBP1	X2	RABBIT	81	PLPPNVGVVDKKEET	QPPVALKKEG	IIRRVGRRPDQQLQEGEK	IIDRRPERRPPRERRFEK	PLEEKGE	GGEFSVDRPIIDR
SERBP1	X3	RABBIT	81	PLPPNVGVVDKKEET	QPPVALKKEG	IIRRVGRRPDQQLQEGEK	IIDRRPERRPPRERRFEK	PLEEKGE	GGEFSVDRPIIDR
STM1	YEAST		19	VL	PPKEIVKSN	TSSKKADV	PPPSADPSKARKNR	PRPSGNEGAT	RDKTAGRNNRSK-----

SERBP1	X4	RABBIT	161	PIRGRGGLGRGRGGRGRGMGRGD	GFDSRGKREFDRHSGSDR	-----	SGLKHEDKRGSGSGSHNWGT	TVKDEL	T-----	
SERBP1	X1	RABBIT	161	PIRGRGGLGRGRGGRGRGMGRGD	GFDSRGKREFDRHSGSDRSSFS	SHYSGLKHEDKRGSGSGSHNWGT	TVKDEL	TESPKYIQK		
SERBP1	X2	RABBIT	161	PIRGRGGLGRGRGGRGRGMGRGD	GFDSRGKREFDRHSGSDR	-----	SGLKHEDKRGSGSGSHNWGT	TVKDEL	TESPKYIQK	
SERBP1	X3	RABBIT	161	PIRGRGGLGRGRGGRGRGMGRGD	GFDSRGKREFDRHSGSDRSSFS	SHYSGLKHEDKRGSGSGSHNWGT	TVKDEL	T-----		
STM1	YEAST		75	-----					DVTDSATTKKSNT	RRATDRHSRTGK-----
									TDTKKKVN-----	QGWGDDKKELS-----

SERBP1	X4	RABBIT	227	-----					DLQSNVTEETPEGEEHPVAD	TENK-----
SERBP1	X1	RABBIT	241	-----					QISYNCSDLQSNVTEETPEGEEHPVAD	TENK-----
SERBP1	X2	RABBIT	235	-----					QISYNCSDLQSNVTEETPEGEEHPVAD	TENK-----
SERBP1	X3	RABBIT	233	-----					DLQSNVTEETPEGEEHPVAD	TENK-----
STM1	YEAST		119	-----					AEKEAQADAAAE	IAEDAAEAEDAGKPKTAQLSLQDYLNQ
									QANNQFNKVPEAKKV	

SERBP1	X4	RABBIT	290	NEGADGQWK----	KGFLVHKSKSEEAHAEDS	VMDHHFRKPANDITSQ	LEI-----	NFGDLGRPG-----	RGG	
SERBP1	X1	RABBIT	311	NEGADGQWK----	KGFLVHKSKSEEAHAEDS	VMDHHFRKPANDITSQ	LEI-----	NFGDLGRPG-----	RGG	
SERBP1	X2	RABBIT	305	NEGADGQWK----	KGFLVHKSKSEEAHAEDS	VMDHHFRKPANDITSQ	LEI-----	NFGDLGRPG-----	RGG	
SERBP1	X3	RABBIT	296	NEGADGQWK----	KGFLVHKSKSEEAHAEDS	VMDHHFRKPANDITSQ	LEI-----	NFGDLGRPG-----	RGG	
STM1	YEAST		173	ELDAERIETA	AEKEAYVPATKVKNVKS	QQL-----	KTKEYLE	FDA	TFVESNTRKNFNGDRNNNSRNNFN	
									NNRRGG	

SERBP1	X4	RABBIT	348	RGGRGGRGRGRPNRGSRTDKSSA	SAPDV----	DDPEAF	PALA		
SERBP1	X1	RABBIT	369	RGGRGGRGRGRPNRGSRTDKSSA	SAPDV----	DDPEAF	PALA		
SERBP1	X2	RABBIT	363	RGGRGGRGRGRPNRGSRTDKSSA	SAPDV----	DDPEAF	PALA		
SERBP1	X3	RABBIT	354	RGGRGGRGRGRPNRGSRTDKSSA	SAPDV----	DDPEAF	PALA		
STM1	YEAST		240	RGARKG-----	NNTANATNSANTVQKNR	NIDVSNL	PSLA		