

A

RBCS1-Ce (CaCe)	MASSMISSAAVATTTRASPAQASMVAPFNGLKAASSFPISKKSVDITSLATNGGRVQCMQVWPPRGLKKYETLSYLPDLTDEQLLKEIDYLIRSGWVPCLEFELEKGFVY	110
RBCS1A-Cc (CaCc)	MASSMISSAAVATTTRASPAQASMVAPFTGLKAASSFPISKKSVDITSLATNGGRVQCMQVWPPTGKLKNETFSYLPDLTDEQLLKEIDYLIRNGWIPCLEFELEKGFVY	110
RBCS1B-Cc (CaCc)	MASSMISSAAVATTARASPAQASMVAPFTGLKAASSFPISKKSVDITSLATNGGRVQCMQVWPPTGKLKNETFSYLPDLTDEQLLKEIDYLIRSGWIPCLEFELEKGFVY	110
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PEP1/PEP2

RBCS1-Ce (CaCe)	REYHRS	SPGYDGRYWT	MWKL	PMYGCTDATQVL	NEVGECLKEYPNCWVR	IIGFDNVRQVQCISFIAAKPKGF	181
RBCS1A-Cc (CaCc)	REYHRS	SPGYDGRYWT	MWKL	PMFGCTDATQVLK	EVRECLKEYPNCWVR	IIGFDNVRQVQCISFIAAKPKGF	181
RBCS1B-Cc (CaCc)	REYHRS	SPGYDGRYWT	MWKL	PMFGCTDATQVLK	EVRECLKEYPNCWVR	IIGFDNVRQVQCISFIAAKPKGF	181
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PEP6

PEP3

PEP5

PEP4

B

	FL protein (181 aa)		Mature protein (123 aa)	
	MW	pI	MW	pI
RBCS1-Ce ¹	20391.51	8.49	14633.90	5.84
RBCS1A-Cc ²	20436.60	8.71	14691.99	6.72
RBCS1B-Cc ³	20389.58	8.71	14675.00	6.57