

Table 4. Properties of purified proteins

	S2		S2loop		
	WT	D187N	WT	D187N	D187Y
Experimental ϵ , $M^{-1} \cdot cm^{-1}$	14,660	14,660	14,117	14,117	14,792
Calculated MM, Da	13,243.0	13,243.0	14,781.7	14,780.7	14,829.8
Electrospray ionization (ESI)-MS MM, Da	13,241.9 \pm 2.0	13,239.2 \pm 0.6	14,783.7 \pm 1.7	14,777.8 \pm 0.9	14,826.9 \pm 2.5

MM, molecular mass.