Fig. S1  Size-exclusion chromatography elution profile of (a) 1•Fl–2•TMR and (b) unmodified (WTgp27-gp5_N7C/S351L), monitored at 280 nm (protein, solid line) and 490 nm (fluorescein, broken line). The fraction colored with red (elution volume; 155-165 ml) of 1•Fl–2•TMR was used for all measurement.
Fig. S2 The elution profiles of reverse phase HPLC of a) 1•Fl and b) 1•Fl reacted with NEM. c) MALDI-TOF MS spectrum of the 1-23 fragment of gp5_N7C/S351L•Fl after reaction of 1•Fl with NEM (the peak at 92 min in Fig S2b). The calculated MW of the 1-23 fragment of gp5_N7C/S351L•Fl is 3152 Da.