

Supplement

Table 1. Analysis of possible origin of heterogeneous molecular mass of scFv5-2L (a) and scFv3-18L (b).

a)

scFv5-2L MW	Possible Origin*
26434	Cleaved after position 22 and 259 +8x mannose
26597	Cleaved after position 22 and 259 +9x mannose
26775	Unknown combination cleavage /glycosylation/adducts
26932	Protein cleaved after position 2 and 259
27060	Protein cleaved after position 259
27094	Protein cleaved after position 2 and 259, +1xmannose
27220	Protein cleaved after position 259, + 1x mannose
27256	Protein cleaved after position 2 and 259, + 2x mannose
27381	Protein cleaved <i>Ste13</i> position b and after position 259, + 2x mannose
28181	Unknown cleavage and glycosylation
28309	Unknown cleavage and glycosylation
28727	Unknown cleavage and glycosylation
30,126	cleaved <i>Ste13</i> position ^b , -1xHis, unglycosylated
30,288	cleaved <i>Ste13</i> position ^b , -1xHis, +1x mannose
30,419	cleaved <i>Ste13</i> position ^b , + 1x mannose
30,582	cleaved <i>Ste13</i> position ^b , + 2x mannose

*Cleavage sites *Ste13* (see Figure 6)

b)

scFv3-18L MW	Possible Origin
31,552 Da	cleaved <i>Ste13</i> at position b, unglycosylated
31,712 Da	cleaved <i>Ste13</i> at position b, + 1x mannose
31,874 Da	cleaved <i>Ste13</i> at position b, + 2x mannose
31,918 Da	cleaved <i>Ste13</i> at position a, + 1x mannose
32,036 Da	cleaved <i>Ste13</i> at position b, + 3x mannose
32,844 Da	cleaved <i>Ste13</i> at position b, + 8x mannose