

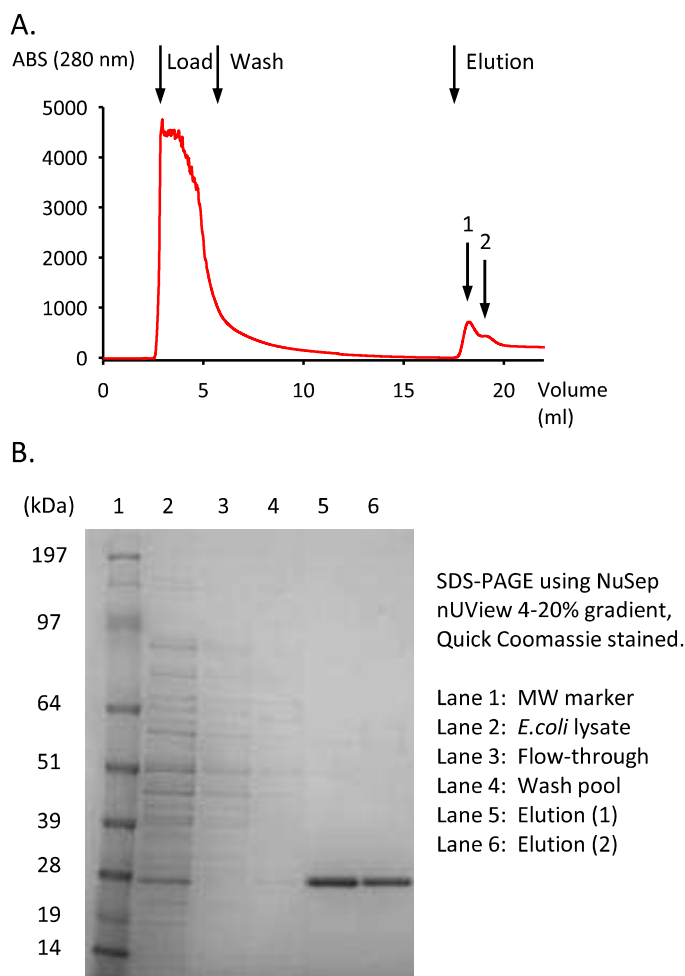
## Performance data:

### Purification of GST-tagged protein from *E.coli* lysate.

Glutathione affinity purification of recombinant GST-tagged protein from 1 ml cleared *E.coli* lysate using a 1 ml HiFliQ GST FPLC column on an FPLC. The eluted fraction contained >95% pure protein according to SDS-PAGE analysis (Figure 1B).

Sample:	1 ml <i>E.coli</i> lysate
Column:	1 ml HiFliQ GST FPLC Column
Instrument:	FPLC
Flow rate:	1 ml/min
Binding buffer:	PBS pH 7.5
Elution Buffer:	50 mM Tris, 10mM reduced glutathione, pH8.0
Eluted Protein:	0.7 mg

Figure 1. Purification of GST-tagged protein from *E.coli* lysate on a 1 ml HiFliQ GST FPLC column. (A) FPLC chromatogram (B) SDS-PAGE analysis.



## Storage conditions:

Item:	HiFliQ1-GST	HiFliQ5-GST
Shipping:	20 % Ethanol at room temperature	20 % Ethanol at room temperature
Short-term storage:	Equilibration buffer	Equilibration buffer
Long-term storage:	20% Ethanol at 4°C	20% Ethanol at 4°C

**NOTE:** Do not freeze or store the column in buffer or water for long periods. Each column is stored in 20 % ethanol and reusable for up to 2 years from the date of resin manufacture. Please see the label for the recorded expiry date.