

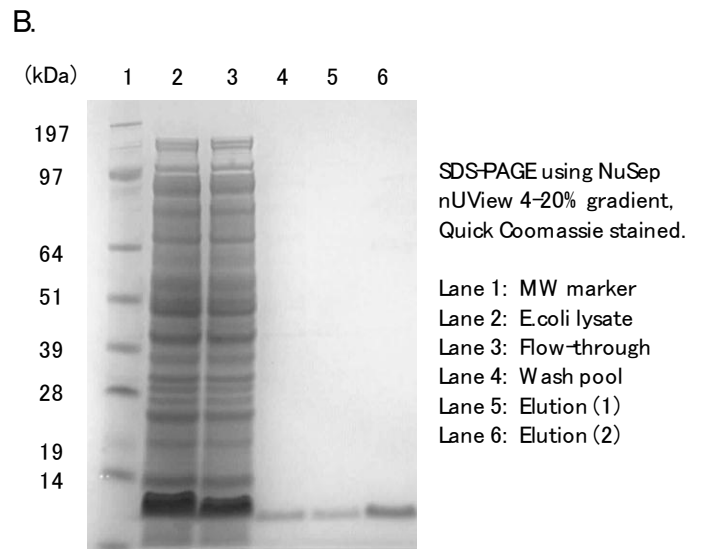
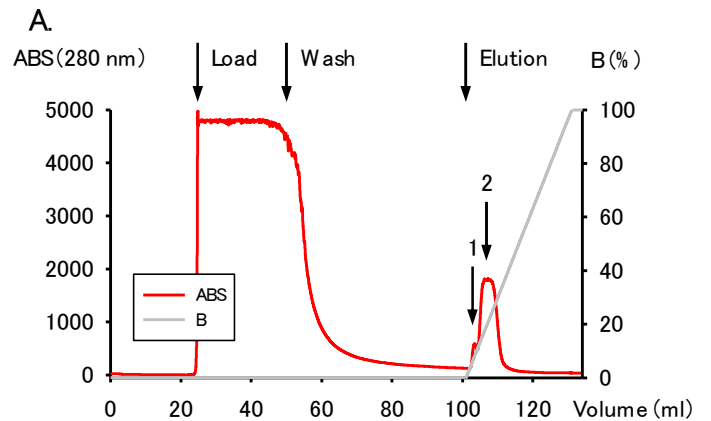
## Performance data:

Purification of His Tagged protein from E.coli lysate under native conditions.

IMAC affinity purification of recombinant His-tagged protein from 15 ml cleared E.coli lysate using a 1 ml HiFiQ Ni-NTA FPLC column on an FPLC. The eluted fraction contained >95% pure protein according to SDS-PAGE analysis (Figure 1B).

Sample:	15 ml E.coli lysate
Column:	1 ml HiFiQ Ni-NTA FPLC Column
Instrument:	FPLC
Flow rate:	1 ml/min
Binding buffer:	50 mM Tris, 150 mM NaCl, pH 8.5
Elution Buffer:	50 mM Tris, 150 mM NaCl 300 mM Imidazole, pH 8.5
Eluted Protein:	11.8 mg

Figure 1. Purification of His-tagged protein from E.coli lysate on a 1 ml HiFiQ Ni-NTA FPLC column. (A) FPLC chromatogram (B) SDS-PAGE analysis.



## Storage conditions:

Item:	HiFiQ1-NiNTA	HiFiQ5-NiNTA
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.