

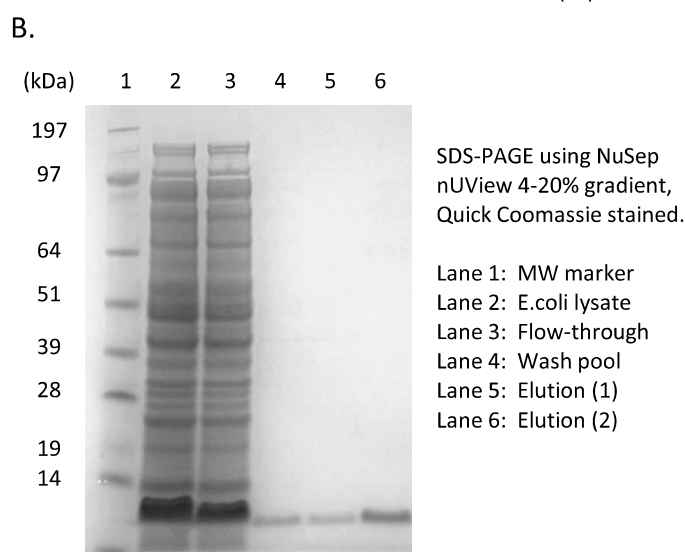
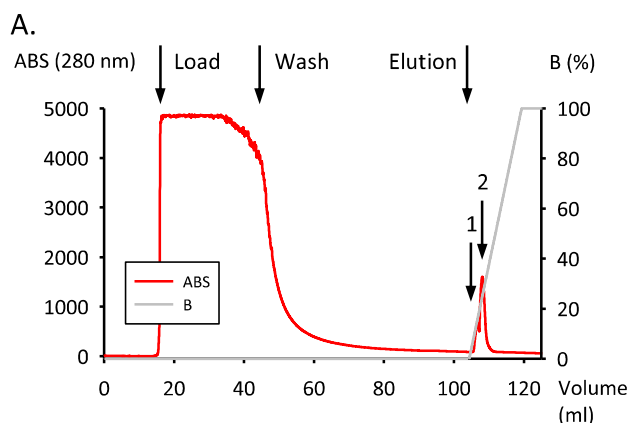
Performance data:

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 HiFliQ Co-NTA FPLC column on an FPLC. The eluted fraction contained >95% pure protein according to SDS-PAGE analysis (Figure 1B).

Sample:	15 ml <i>E.coli</i> lysate
Column:	1 ml HiFliQ Co-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:	3.7 mg

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



Storage conditions:

Item:	HiFliQ1-CoNTA	HiFliQ5-CoNTA
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.