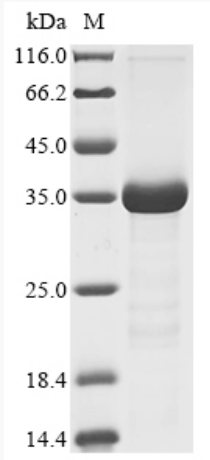
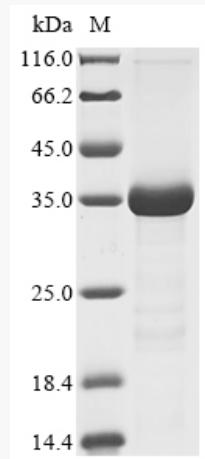


*for research use only*  
**Datasheet**

<b>Product Name</b>	Recombinant Escherichia coli F17 fimbrial protein(F17a-A)
<b>Catalog Number</b>	<b>AAA18637</b>
<b>Expression host</b>	<i>E.coli</i>
<b>Product Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Buffer</b>	Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, pH 8.0. The volume before lyophilization is 200µl/vial.
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Relevance</b>	Fimbriae (also called pili), polar filaments radiating from the surface of the bacterium to a length of 0.5-1.5 micrometers and numbering 100-300 per cell, enable bacteria to colonize the epithelium of specific host organs.
<b>AA sequence</b>	YDGKITFNGKVVDQTCSVTTESKNLTVKLPTVSANSLASSGKVVGLTPFTILLEG CNTPAVTGAQNVNAYFEPNANTDYTTGNLTNTASSGASNVQIQLLNADGVKAI KLGQAAAAQSVDTVAINDANVTLRYNAQYYATGVATAGDVTSTVNYTIAYQ
<b>References</b>	"Isolation and nucleotide sequence of the F17-A gene encoding the structural protein of the F17 fimbriae in bovine enterotoxigenic Escherichia coli." Lintermans P., Pohl P., Deboeck F., Bertels A., Schlicker C., Vandekerckhove J., van Damme J., van Montagu M., de Greve H. Infect. Immun. 56:1475-1484(1988)

**Certificate of Analysis**

Product Name	Recombinant Escherichia coli F17 fimbrial protein(F17a-A)		
Catalog Number	AAA18637		
Expression host	E.coli		
Product Info	N-terminal 6xHis-SUMO-tagged		
Buffer	Lyophilized from 10 mM Tris-HCl, 1 mM EDTA, pH 8.0. The volume before lyophilization is 200μl/vial.		
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.		
Batch Number	03739		
Nature	Escherichia coli F17a-A-(AA 22-180)- <b>P11312</b> -Full Length of Mature Protein		
Purification	Affinity purified using IMAC		
Recommended Storage	Short term	2 to 8 °C, one week from the date of receipt	
	Long term	-20 to -80 °C, twelve months from the date of receipt	
Form	Lyophilized powder		
Date of detection	2021.10.11		
Test Items	Specifications		Results
Purity	≥90%, by SDS-PAGE quantitative densitometry by Coomassie Blue Staining.		90%
Molecular Weight	Predicted band size: 32.4 kDa		Observed band size: 35 kDa



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<b>Electrophoretic parameters</b>	(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.
<b>Aseptic Processing</b>	Not done
<b>Endotoxin Level</b>	Untreated
<b>Activity</b>	Not tested
<b>Conclusion</b>	pass