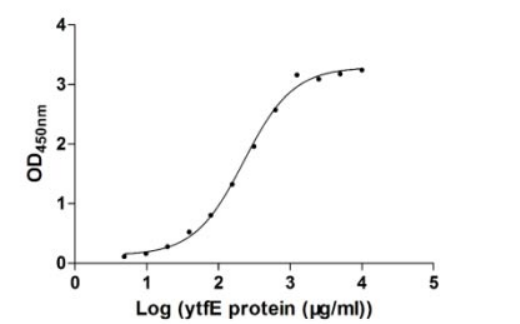
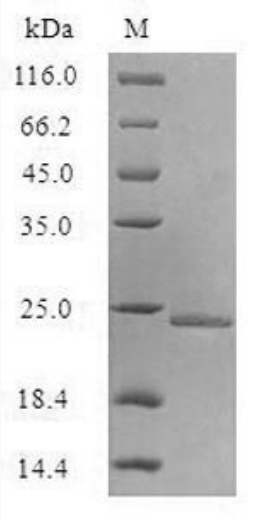
Active Recombinant E. coli (strain K12) aqpZ Full Length Transmembrane protein, His-tagged

Cat. No. aqpZ-01E **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant E. coli (strain K12) aqpZ protein(P60844)(1-231aa), fused with N-terminal His tag, was expressed in E. coli.
Species	E.coli
Source	E.coli
ProteinLength	1-231aa
Form	Tris-based buffer50% glycerol
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized aqpZ at 5 μg/ml can bind E.coli ytfE, the EC50 of E.coli ytfE protein is 197.90-259.70 μg/ml.
Molecular Mass	27.7 kDa
AA Sequence	MFRKLAAECFGTFWLVFGGCGSAVLAAGFPELGIGFAGVALAFGLTVLTMAFAVGHI SGGHFNPAVTIGLWAGGRFPAKEVVGYVIAQVVGGIVAAALLYLIASGKTGFDAAAS GFASNGYGEHSPGGYSMLSALVVELVLSAGFLLVIHGATDKFAPAGFAPIAIGLALTLI HLISIPVTNTSVNPARSTAVAIFQGGWALEQLWFFWVVPIVGGIIGGLIYRTLLEKRD
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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	repeated freeze-thaw cycles.
Reconstitution	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%.
Activity	 The Binding Activity of aqpZ with ytfE
SDS-PAGE	

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