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Product Datasheet

E. coli aqpz protein BYT-ORB623986

Article Name	E. coli aqpz protein
Biozol Catalog Number	BYT-ORB623986
Supplier Catalog Number	orb623986
Alternative Catalog Number	BYT-ORB623986-20,BYT-ORB623986-100
Manufacturer	Biorbyt
Category	Proteine/Peptide
Product Description	This E. coli aqpz protein spans the amino acid sequence from region 1-231aa. Purity: Greater than 90% as determined by SDS-PAGE....
Molecular Weight	27.7 kDa
UniProt	P60844
Buffer	Lyophilized from 20 mM Tris-HCl, 0.15 M NaCl, 0.05% FOS12, 6% Trehalose, pH 8.0
Source	Escherichia coli (strain K12)
Purity	Greater than 90% as determined by SDS-PAGE.
Form	Lyophilized powder
Sequence	MFRKLAAECFGTFWLVFVGGCGSAVLAAGFPELGIGFAGVALAFGLTVLTMAFA VGHISGGHFNPVAVTIGLWAGGRFPAKEVVGYYVIAQVVGIVAAALLYLIASGKT GFDAAASGFASNGYGEHSPGGYSMLSALVVELVLSAGFLLVIHGATDKFAPAG FAPIAIGLALTLIHLISIPVTNTSVNPARSTAVAI FQGGWALEQLWFFWVPIVG GIIGGLIYRTLLEKRD

Application Notes

Biological Origin: Escherichia coli (strain K12). Biological 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. Application Notes: 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