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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-ORB623986-100,BYT-ORB623986-20  |
| 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                    | <a href="#">P60844</a>  |
| 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<br>VGHISGGHFNPVAVTIGLWAGGRFPAKEVVGYYVIAQVVGIVAAALLYLIASGKT<br>GFDAAASGFASNGYGEHSPGGYSMLSALVVELVLSAGFLLVIHGATDKFAPAG<br>FAPIAIGLALTLIHLISIPVTNTSVNPARSTAVAI FQGGWALEQLWFFWVPIVG<br>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