

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

**Cat. No.** aqpZ-02E    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                 |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant E. coli (strain K12) aqpZ protein(P60844)(1-231aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                        |
| <b>Species</b>          | E.coli                                                                                                                                                                                                                                          |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 1-231aa                                                                                                                                                                                                                                         |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.           |
| <b>Molecular Mass</b>   | 27.7 kDa                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MFRKLAAECFGTFWLVFGGCGSAVLAAGFPELGIGFAGVALAFGLTVLTMAFAVGHI<br>SGGHFNPAVTIGLWAGGRFPAKEVVGYVIAQVVGIVAAALLYIASGKTGFDAAS<br>GFASNGYGEHSPGGYSMLSALVVELVLSAGFLLVIHGATDKFAPAGFAPIAIGLALTLI<br>HLISIPVTNTSVNPARSTAVAIFQGGWALEQLWFFWVPIVGGIIGGLIYRTLLEKRD |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                     |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                               |

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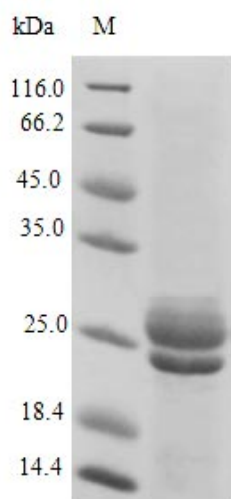
 45-1 Ramsey Road, Shirley, NY 11967, USA

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%.

#### SDS-PAGE



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