

## Recombinant Nostoc sp. all1616 protein, His-tagged

**Cat. No.** all1616-3692N    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                   |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Nostoc sp. all1616 protein(Q8YWJ7)(1-227aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                   |
| <b>Species</b>          | Nostoc sp.                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 1-227aa                                                                                                                                                                                                                                           |
| <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>   | 31.9 kDa                                                                                                                                                                                                                                          |
| <b>AA Sequence</b>      | MRWVDDSYLLPAAKGLMSTSVPTNTYAKLAKALLINYSFDLSGYHVDELVNRWQKQY<br>PADWLHLAVIEALYQGRYKAISVQQLLAFWQRRGQEIYHFNMEFERLICSKFPESLT<br>PMAASEQYSRQGKNQNQTLQLMSFKQQEQVKEEEEEPPTEKMLALSSTSVTASIEVS<br>VSQQEDYLGQPFSLNPDISTKLLPISVTHPPIGQFTPQTSDRSESFTSKLKAISNENS |
| <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 repeated freeze-thaw cycles.                                                                                                                                    |

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

**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%.

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