

## fhuA Protein, E. coli, Recombinant (His)

### General Information

|                       |  |
|-----------------------|--|
| Synonyms:             | Ferric hydroxamate receptor; Ferrichrome-iron receptor; Ferrichrome outer membrane transporter/phage receptor; Ferric hydroxamate uptake; tonA; fhuA |
| Protein Construction: | 269-387 aa   |
| Species:              | E. coli (strain K12)   |
| Expression Host:      | E. coli  |
| Accession:            | P06971   |
| Molecular Weight:     | 20.4 kDa (Predicted)   |
| AA Sequence:          | QNEPETGGYGGWLPKEGTVEPLPNGKRLPTDFNEGAKNNTYSRNEKMGVGSFDHEFNDFTVRQNLRF AENK<br>TSQNSVYGYGVCSDPANAYSKQCAALAPADKGHYLARKYVVDDEKLQN                         |

### QC Testing

|                      |   |
|----------------------|---|
| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity:              | > 95% as determined by SDS-PAGE.  |
| Endotoxin:           | Not tested.   |
| Formulation:         | Lyophilized from a 0.2 $\mu$ m sterile filtered PBS, 6% Trehalose, pH 7.4   |

### Preparation and Storage

#### Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100  $\mu$ g/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 367 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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