

## Recombinant *Blomia tropicalis* BLOT21 Protein, His-tagged

Cat. No. BLOT21-914B    Lot. No. (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant <i>Blomia tropicalis</i> BLOT21 Protein was produced by HEK293 Cells expression system. This protein was expressed with a polyhistidine tag.                       |
| <b>Species</b>              | <i>Blomia tropicalis</i>                                                                                                                                                       |
| <b>Source</b>               | HEK293                                                                                                                                                                         |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                            |
| <b>Form</b>                 | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                 |
| <b>Molecular Mass</b>       | The recombinant Blot21 consists of 140 amino acids and predicts a molecular mass of 16.3 kDa.                                                                                  |
| <b>Endotoxin</b>            | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                       |
| <b>Purity</b>               | > 95 % as determined by SDS-PAGE.                                                                                                                                              |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70 centigrade.                                                                                             |
| <b>Storage</b>              | Store it under sterile conditions at -20 centigrade to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping**

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

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