

# Recombinant Neosartorya fumigata MITF Protein, His-tagged

**Cat. No.** MITF-480N    **Lot. No.** (See product label)

## SPECIFICATION

|                             |                                                                                                                                                                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant Human MITF protein was expressed in HEK293 Cells                                                                                                                                                                                                      |
| <b>Species</b>              | Neosartorya fumigata                                                                                                                                                                                                                                              |
| <b>Source</b>               | HEK293                                                                                                                                                                                                                                                            |
| <b>Predicted N Terminal</b> | Ala 28                                                                                                                                                                                                                                                            |
| <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 mitF consists of 160 amino acids and predicts a molecular mass of 18.3 kDa.                                                                                                                                                                       |
| <b>Endotoxin</b>            | < 1.0 EU per µg protein as determined by the LAL method.                                                                                                                                                                                                          |
| <b>Purity</b>               | > 90 % as determined by SDS-PAGE.                                                                                                                                                                                                                                 |
| <b>Storage</b>              | Samples are stable for up to twelve months from date of receipt at -70 centigrade. 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. |
| <b>Reconstitution</b>       | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                     |

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## GENE INFORMATION

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|-----------------|------|
| Official Symbol | MITF |
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| Synonyms | MITF |
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