

## Recombinant Human BTN3A3 protein, mFc-tagged

**Cat. No.** BTN3A3-2954H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human BTN3A3 protein(O00478-1) (Met1-Trp248) was expressed in HEK293, fused with Fc region of mouse IgG at the C-terminus.                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-248 aa                                                                                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | The recombinant human BTN3A3/mFc is a disulfide-linked homodimer. The reduced monomer comprises 453 amino acids and has a predicted molecular mass of 50 kDa. The apparent molecular mass of the protein is approximately 53 in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                                                                                     |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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                                                                                                                                                                            |

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

|                 |                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------|
| Gene Name       | BTN3A3 butyrophilin, subfamily 3, member A3 [ Homo sapiens ]                                            |
| Official Symbol | BTN3A3                                                                                                  |
| Synonyms        | BTN3A3; butyrophilin, subfamily 3, member A3; butyrophilin subfamily 3 member A3; BTF3; butyrophilin 3; |
| Gene ID         | 10384                                                                                                   |
| mRNA Refseq     | NM_001242803                                                                                            |
| Protein Refseq  | NP_001229732                                                                                            |
| MIM             | 613595                                                                                                  |
| UniProt ID      | O00478                                                                                                  |

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