

## Recombinant Human BTNL3 protein, MBP&His-Avi-tagged, Biotinylated

**Cat. No.** BTNL3-6463H    **Lot. No.** (See product label)

### SPECIFICATION

|                          |                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>  | Biotinylated Recombinant Human BTNL3 protein(Q6UXE8)(18-237aa), fused with N-terminal MBP tag and C-terminal His and Avi tag, was expressed in E.coli.                                                                             |
| <b>Species</b>           | Human                                                                                                                                                                                                                              |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                             |
| <b>ProteinLength</b>     | 18-237a.a.                                                                                                                                                                                                                         |
| <b>Tag</b>               | MBP&His&Avi                                                                                                                                                                                                                        |
| <b>Conjugation/Label</b> | Biotin                                                                                                                                                                                                                             |
| <b>Form</b>              | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. 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>    | 72.3 kDa                                                                                                                                                                                                                           |
| <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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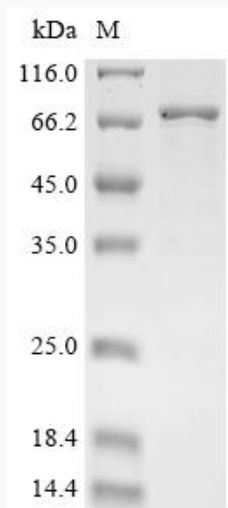
 45-1 Ramsey Road, Shirley, NY 11967, USA

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. |
| <b>AA Sequence</b>      | QWQVTGPGKFVQALVGEDAVFSCSLFPETSAEAMEVRFFRNQFHAVVHLYRDGED<br>WESKQMPQYRGRTEFVKDSIAGGRVSLRLKNITPSDIGLYGCWFSSQIYDEEATWE<br>LRVAALGSLPLISIVGYVDGGIQLLCLSSGWFPQPTAKWKGPQGQDLSSDSRANAD<br>GYSLYDVEISIIVQENAGSILCSIHLAEQSHEVESKVLIGETFFQPSPWRLAS                                                                           |
| <b>Conjugation</b>      | Biotin                                                                                                                                                                                                                                                                                                             |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Name</b>        | BTNL3 butyrophilin-like 3 [ Homo sapiens ]                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b>  | BTNL3                                                                                                                                                                                                                                                                                                              |
| <b>Synonyms</b>         | BTNL3; butyrophilin-like 3; butyrophilin-like protein 3; BTNLR; butyrophilin like receptor; butyrophilin-like receptor;                                                                                                                                                                                            |
| <b>Gene ID</b>          | 10917                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>      | NM_197975                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_932079                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>              | 606192                                                                                                                                                                                                                                                                                                             |
| <b>UniProt ID</b>       | Q6UXE8                                                                                                                                                                                                                                                                                                             |

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**SDS-PAGE**

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