

# Recombinant Human BTN3A2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** BTN3A2-6613H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | BTN3A2 MS Standard C13 and N15-labeled recombinant protein (NP_008978) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | HEK293  |
| <b>Description</b>      | This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatibility class 1 locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.       |
| <b>Molecular Mass</b>   | 36.4 kDa  |
| <b>AA Sequence</b>      | MKMASSLAFLLLNHFVSLLLVQLLTPCSAQFSVLGPSGPILAMVGEDADLPCHLFPT<br>MSAETMELKWWSSSLRQVVNVYADGKEVEDRQSAPYRGRTSILRDGITAGKAALRI<br>HNVTASDSGKYLCYFQDGDGFYEKALVELKVAALGSNLHVEVKGYEDGGIHLECRST<br>GWYPQPQIQWSNAKGENIPAVEAPVVADGVGLYEVAASVIMRGGSGEGVSCIIRNS<br>LLGLEKTASISADPFFRSAQPWIAALAGTLPILLLLL LAGASYFLWRQQKEITALSSEIE<br>SEQEMKEMGYAATEREISLRESLQEELKRKKIQYLTRGEESSSDTNKSATRTRPLEQ<br>KLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining   |

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|                       |  |
|-----------------------|--|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA  |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.  |

## GENE INFORMATION

|                        |   |
|------------------------|---|
| <b>Gene Name</b>       | BTN3A2 butyrophilin subfamily 3 member A2 [ Homo sapiens (human) ]  |
| <b>Official Symbol</b> | BTN3A2  |
| <b>Synonyms</b>        | BTN3A2; butyrophilin, subfamily 3, member A2; butyrophilin subfamily 3 member A2; butyrophilin protein; BTF4; BT3.2; BT3.3; FLJ40011; |
| <b>Gene ID</b>         | 11118   |
| <b>mRNA Refseq</b>     | NM_007047   |
| <b>Protein Refseq</b>  | NP_008978   |
| <b>MIM</b>             | 613594  |
| <b>UniProt ID</b>      | P78410  |

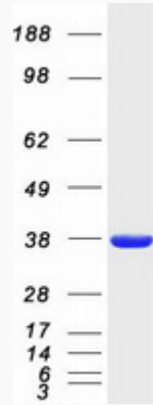
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SDS-PAGE



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