

Active Recombinant Human BTN3A2 Protein, His-Tagged

Cat. No. BTN3A2-02H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human BTN3A2 Protein, His-Tagged was expressed in CHO cell |
| Species | Human |
| Source | CHO |
| Description | 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. |
| Form | Lyophilized |
| Bio-activity | Measured by its ability to enhance anti-CD3-induced IFN-gamma secretion of mouse CD3+ T cells. The ED50 for this effect is 0.5-2.5 µg/mL. |
| Molecular Mass | 24 kDa |
| N-terminal Sequence Analysis | Gln30 |
| Endotoxin | <0.10 EU per 1 µg of the protein by the LAL method. |
| Purity | >95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by |

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|-----------------------|--|
| | Coomassie® Blue Staining. |
| Storage | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month, 2 to 8 °C under sterile conditions after reconstitution. 3 months, -20 to -70 °C under sterile conditions after reconstitution. |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution in PBS. |
| Reconstitution | Reconstitute at 200 µg/mL in PBS. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. |

GENE INFORMATION

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| Gene Name | BTN3A2 butyrophilin subfamily 3 member A2 [Homo sapiens (human)] |
| Official Symbol | BTN3A2 |
| Synonyms | BT3.2; BT3.3; BTF3; BTF4; BTF4butyrophilin protein; BTN3A2; butyrophilin subfamily 3 member A2; butyrophilin, subfamily 3, member A2; FLJ40011 |
| Gene ID | 11118 |
| mRNA Refseq | NM_001197246.2 |
| Protein Refseq | NP_001184175.1 |
| MIM | 613594 |

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UniProt ID

P78410

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