

Active Recombinant Human BTN3A2 Protein, His-Tagged

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

SPECIFICATION

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

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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