

BTN3A2 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P72346
Synonyms:	Butyrophilin subfamily 3 member A2; BT3.2; BTF3; BTF4
Species:	Human
Source:	HEK293
Accession:	P78410 (Q30-W248)
Gene ID:	11118
Molecular Weight:	30-35 kDa

PROPERTIES

AA Sequence	<p>Q F S V L G P S G P I L A M V G E D A D L P C H L F P T M S A E T M E L K W V S</p> <p>S S L R Q V V N V Y A D G K E V E D R Q S A P Y R G R T S I L R D G I T A G K A</p> <p>A L R I H N V T A S D S G K Y L C Y F Q D G D F Y E K A L V E L K V A A L G S N</p> <p>L H V E V K G Y E D G G I H L E C R S T G W Y P Q P Q I Q W S N A K G E N I P A</p> <p>V E A P V V A D G V G L Y E V A A S V I M R G G S G E G V S C I I R N S L L G L</p> <p>E K T A S I S I A D P F F R S A Q P W</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	BTN3A2 protein assumes a pivotal role in the adaptive immune response, specifically influencing T-cell responses. It exhibits the capability to modulate immune reactions by inhibiting the release of IFNG from activated T-cells. Furthermore, BTN3A2 forms homodimers, underscoring its functional relevance and potential impact on cellular processes in the immune system.
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Caution: Product has not been fully validated for medical applications. For research use only.

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