

BTN3A2 Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P78367
Synonyms:	BT3.2; BTF3; BTF4; BT3.3; BTN3A2; FLJ40011; BTN3.2; CD277
Species:	Human
Source:	HEK293
Accession:	P78410 (Q30-W248)
Gene ID:	11118
Molecular Weight:	27-33 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 5% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
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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