

BTN3A3 Protein, Human (219a.a, HEK293, His)

Cat. No.:	HY-P7685
Synonyms:	rHuBTN3A3, His; Butyrophilin subfamily 3 member A3; BTN3A3
Species:	Human
Source:	HEK293
Accession:	O00478 (Q30-W248)
Gene ID:	10384
Molecular Weight:	Approximately 30.0 kDa

PROPERTIES

AA Sequence	<pre> 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 R W V S 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 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 D L H I 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 K W S D T K G E N I P A V E A P V V A D G V G L Y A V A A S V I M R G S S G G G V S C I I R N S L L G L E K T A S I S I A D P F F R S A Q P W H H H H H H </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 20 mM PB, 150 mM NaCl, 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	Butyrophilins belonging to the immunoglobulin superfamily are new immune system regulators because they are present on lymphocytes, dendritic cells, monocytes, macrophages, neutrophils and eosinophils, and they exert a stimulatory and (or) inhibitory effect on them ^[1] .
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA