

BTNL9 Protein, Human (HEK293, His)

Cat. No.:	HY-P7687
Synonyms:	rHuBTNL9, His; Butyrophilin-like protein 9; BTNL9
Species:	Human
Source:	HEK293
Accession:	Q6UXG8 (L48-S160)
Gene ID:	153579
Molecular Weight:	18-30 kDa

PROPERTIES

AA Sequence	<p>L A L V G E E V E F P C H L W P Q L D A Q Q M E I R W F R S Q T F N V V H L Y Q</p> <p>E Q Q E L P G R Q M P A F R N R T K L V K D D I A Y G S V V L Q L H S I I P S D</p> <p>K G T Y G C R F H S D N F S G E A L W E L E V A G L G S D P H L S H H H H H H</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS, pH7.4.
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	Several Butyrophilin (BTN) and BTN-like (BTNL) molecules control T lymphocyte responses, and are genetically associated with inflammatory disorders and cancer ^[1] .
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REFERENCES

[1]. Cristina Lebrero-Fernández, et al. Altered expression of Butyrophilin (BTN) and BTN-like (BTNL) genes in intestinal inflammation and colon cancer. *Immun Inflamm Dis.* 2016 Jun; 4(2): 191-200.

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

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