

BTNL2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P7686
Synonyms:	rMuBTNL2, His; Butyrophilin-like protein 2; BTNL2
Species:	Mouse
Source:	HEK 293
Accession:	O70355 (D27-S452)
Gene ID:	547431
Molecular Weight:	55-65 kDa

PROPERTIES

AA Sequence	<pre> DDFRVVGPNL P I L A K V G E D A L L T C Q L L P K R T T A H M E V R W Y R S D P D M P V I M Y R D G A E V T G L P M E G Y G G R A E W M E D S T E E G S V A L K I R Q V Q P S D D G Q Y W C R F Q E G D Y W R E T S V L L Q V A A L G S S P N I H V E G L G E G E V Q L V C T S R G W F P E P E V H W E G I W G E K L M S F S E N H V P G E D G L F Y V E D T L M V R N D S V E T I S C F I Y S H G L R E T Q E A T I A L S E R L Q T E L A S V S V I G H S Q P S P V Q V G E N I E L T C H L S P Q T D A Q N L E V R W L R S R Y Y P A V H V Y A N G T H V A G E Q M V E Y K G R T S L V T D A I H E G K L T L Q I H N A R T S D E G Q Y R C L F G K D G V Y Q E A R V D V Q V M A V G S T P R I T R E V L K D G G M Q L R C T S D G W F P R P H V Q W R D R D G K T M P S F S E A F Q Q G S Q E L F Q V E T L L L V T N G S M V N V T C S I S L P L G Q E K T A R F P L S H H H H H H </pre>
Biological Activity	Data is not available.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against 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 or PBS.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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

Butyrophilin-like 2 (BTNL2) is a butyrophilin family member with homology to the B7 costimulatory molecules, polymorphisms of which have been recently associated through genetic analyses to sporadic inclusion body myositis and sarcoidosis^[1].

REFERENCES

[1]. Heather A Arnett, et al. BTNL2, a butyrophilin/B7-like molecule, is a negative costimulatory molecule modulated in intestinal inflammation. J Immunol. 2007 Feb 1;178(3):1523-33.

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

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