

Recombinant Human BTNL2 Protein, Fc-tagged

Cat. No. BTNL2-34H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BTNL2 Protein, fused to Fc-tag, was expressed in CHO cells.
Species	Human
Source	CHO
Description	This gene encodes a major histocompatibility complex, class II associated, type I transmembrane protein which belongs to the butyrophilin-like B7 family of immunoregulators. It is thought to be involved in immune surveillance, serving as a negative T-cell regulator by decreasing T-cell proliferation and cytokine release. The encoded protein contains an N-terminal signal peptide, two pairs of immunoglobulin-like domains, separated by a heptad peptide sequence, and a C-terminal transmembrane domain. Naturally occurring mutations in this gene are associated with sarcoidosis, rheumatoid arthritis, ulcerative colitis, inflammatory bowel disease, myositis, type 1 diabetes, systemic lupus erythematosus, acute coronary syndrome, and prostate cancer.
Form	Lyophilized from 0.2µm-filtered solution in PBS, with 5% Mannitol, 5% trehalose.
Molecular Mass	75.2 kDa
AA Sequence	KQSEDFRVIGPAHPILAGVGEDALLTCQLLPKRRTTMHVEVRWYRSEPSTPVFVHRD GVEVTEMQMEEYRGWVVEWIENGIAGKNVALKIHNIQPSDNGQYWCHFQDGNVYCGE TSLLLKVAGLGSAHSIHMEGPGESGVQLVCTARGWFPEPQVYWEDIRGEKLLAVSE HRIQDKDGLFYAEATLVVRNASAESVSLVHNPVLTEEKGSVISLPEKLQTELASLKV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

NGPSQPILVRVGEDIQLTCYLSPKANAQSMEVRWDRSHRYPAVHVYMDGDHVAGE
QMAEYRGRTVLVSDAIDEGRLTLQILSARPSDDGQYRCLFEKDDVYQEASLDLKVVS
LGSSPLITVEGQEDGEMQPMCSSDGWFPQPHVPWRDMEGKTIPSSSQALTQGSH
GLFHVQTLLRVTNISAVDVTCSISIPFLGEEKIATFSLSGWGGGGSGGGGSGGGGSE
PRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMSLSPIVTCVVVDVSEDDPDVQ
ISWVFNNEVHTAQQTQTHREDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNKDLPA
PIERTISKPKGSVRAPQVYVLPPEEEMTKKQVTLTCMVTDFMPEDIYVEWTNNGKT
ELNYKNTEPVLDSGYSYFMYSKLRVEKKNWVERNSYSCSVHEGLHNHHTTKSFS
RTPGK

Purity

80%

Storage

Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration

0.2mg/tube

GENE INFORMATION

Gene Name

BTNL2 butyrophilin like 2 [Homo sapiens (human)]

Official Symbol

BTNL2

Synonyms

SS2; BTN7; BTL-II; HSBLMHC1

Gene ID

56244

mRNA Refseq

NM_001304561

Protein Refseq

NP_001291490

 Tel: 1-631-559-9269 1-516-512-3133

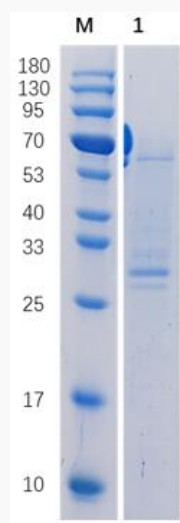
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 606000

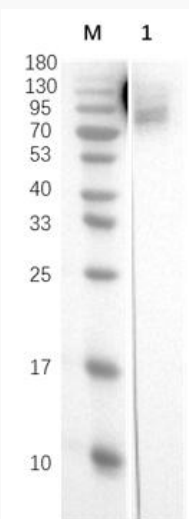
UniProt ID Q9UIR0

SDS-PAGE



Reducing 12% SDS-PAGE analysis profile of purified BTNL2 (CBB stained).

WB



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

Reducing 12% wb analysis profile of purified BTNL2 (primary antibody: HRP, Rabbit Anti-mouse IgG).