

Product datasheet

Recombinant Mouse BTNL2 protein (Fc Chimera) ab214559

Description

Product name	Recombinant Mouse BTNL2 protein (Fc Chimera)
Purity	>= 98 % SDS-PAGE.
Endotoxin level	< 0.060 Eu/μg
Expression system	CHO cells
Accession	O70355-2
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Amino acids	26 to 457
Additional sequence information	Recombinant fragment of Isoform 2 fused to the N-terminus of the Fc region of mouse IgG2a.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab214559** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. Constituent: 100% PBS
Reconstitution	Reconstitute at 100 μg/mL in sterile PBS. Working aliquots are stable for up to 3 months when stored at -20°C.

General Info

Function	Negative regulator of T cell proliferation.
Tissue specificity	Expressed in brain, heart, kidney, liver, pancreas, ovary, leukocyte, small intestine, testis and thymus.
Involvement in disease	Genetic variation in BTNL2 is a cause of susceptibility to sarcoidosis type 2 (SS2) [MIM:612387]. Sarcoidosis is an idiopathic, systemic, inflammatory disease characterized by the formation of immune granulomas in involved organs. Granulomas predominantly invade the lungs and the lymphatic system, but also skin, liver, spleen, eyes and other organs may be involved. Note=A nucleotide transition affecting a splice donor site results in the use of an alternative splice site and the production of isoform 3. Individuals expressing isoform 3 have a higher risk for sarcoidosis.
Sequence similarities	Belongs to the immunoglobulin superfamily. BTN/MOG family. Contains 3 Ig-like V-type (immunoglobulin-like) domains.
Cellular localization	Membrane. Isoform 2 is present in the nuclear, vesicle and plasma membranes, isoform 3 is found in cytoplasmic vesicle structures and is not membrane bound.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours

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- We investigate all quality concerns to ensure our products perform to the highest standards

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