

Active Recombinant Mouse Btnl9 Protein, Fc-tagged

Cat. No. BTNL9-001M Lot. No. (See product label)

SPECIFICATION

| | |
|-------------------------------------|---|
| Product Overview | Recombinant Mouse Btnl9 protein (Asp36-Lys257) fused with Fc region of Mouse IgG2a (Glu98-Lys330) at C-terminus was expressed in Mouse myeloma cell line. |
| Species | Mouse |
| Source | Mammalian Cells |
| ProteinLength | 36-257 a.a. |
| Description | Biased expression in adrenal adult (RPKM 12.4), subcutaneous fat pad adult (RPKM 11.8) and 9 other tissues. |
| Form | Disulfide-linked homodimer |
| Bio-activity | Measured by its ability to inhibit IL-2 secretion by mouse T cells in the presence of anti-CD3. The ED50 for this effect is 0.75-4.5 µg/mL. |
| Molecular Mass | 52 kDa |
| N-terminal Sequence Analysis | Asp36 |
| Endotoxin | <0.10 EU per 1 µg of the protein by the LAL method. |
| Purity | >90%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by |

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Coomassie® Blue Staining.

Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
 12 months from date of receipt, -20 to -70 centigrade as supplied.
 1 month, 2 to 8 centigrade under sterile conditions after reconstitution.
 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Storage Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Preservative

Reconstitute at 200 µg/mL in PBS.

GENE INFORMATION

Gene Name

[Btnl9 butyrophilin-like 9 \[Mus musculus \(house mouse\) \]](#)

Official Symbol

[Btnl9 butyrophilin-like 9 \[Mus musculus \(house mouse\) \]](#)

Synonyms

Btn3; B430208I01; D330012D11Rik; butyrophilin-like protein 9; butyrophilin 3

Gene ID

[237754](#)

mRNA Refseq

[NM_172793](#)

Protein Refseq

[NP_766381](#)

UniProt ID

[Q8BJE2](#)

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