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Recombinant Human BTNL9/BTN3 Protein (His Tag)

Catalog Number: PKSH033743

Note: Centrifuge before opening to ensure complete recovery of vial contents.

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Species Human

Source HEK293 Cells-derived Human BTNL9; BTN3 protein Glu48-Ser160, with an C-terminal

His

Calculated MW 15 kDa
Observed MW 18-30 kDa
Accession Q6UXG8

Bio-activity Not validated for activity

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin < 1.0 EU per µg of the protein as determined by the LAL method.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80

°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of

reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

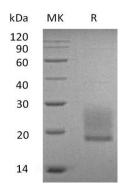
Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants

before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Butyrophilin-Like Protein 9 (BTNL9) is single-pass type I membrane protein member of the BTN/MOG family that belongs to the immunoglobulin superfamily. BTNL9 consists of two domains: one B30.2/SPRY domain and one Ig-like V-type (immunoglobulin-like) domain. Human BTNL9 mRNA has been identified in adipose, lung, thymus, spleen, colon, and cardiac tissues, but its highest levels of expression were found in B cells. BTNL9 expression has also been found to be down-regulated in colon cancer tumors.