

Recombinant Human Butyrophilin-like Protein 9/BTNL9 (C-Fc)

Catalog Number: PKSH034038

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

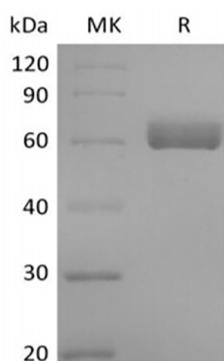
Description

Species	Human
Source	HEK293 Cells-derived Human Butyrophilin-like9;BTNL9 protein Asp36-Lys257, with an C-terminal Fc
Calculated MW	51.8 kDa
Observed MW	60-70 kDa
Accession	Q8BJE2
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, pH 7.4. 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.

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