

## Recombinant Mouse BTNL4 (C-6His)

**Catalog Number: PKSM041445**

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

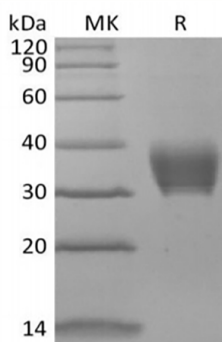
### Description

<b>Species</b>	Mouse
<b>Source</b>	HEK293 Cells-derived Mouse BTNL4 protein Gln29-Trp250, with an C-terminal His
<b>Calculated MW</b>	25.6 kDa
<b>Observed MW</b>	30-40 kDa
<b>Accession</b>	A2CG29
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	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.
<b>Shipping</b>	This product is provided as lyophilized powder which is shipped with ice packs.
<b>Formulation</b>	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.
<b>Reconstitution</b>	Please refer to the specific buffer information in the printed manual. Please refer to the printed manual for detailed information.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

Butyrophilin-like 4, also known as BTLN4, BTN3A3 (human) and BTN3A2 (rat) is an approximately 65 kDa member of the butyrophilin family that may play a role in immune regulation. BTNL4 shows striking sequence similarity to Skint1, is also largely restricted to an epithelial tissue (the small intestine) replete with T cells, plays a role in T-cell responses in the adaptive immune response.