Recombinant Human BTN3A3 Protein (His Tag)

Catalog Number:PDMH100018

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

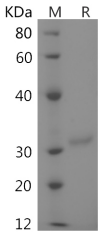
Description

Synonyms	Butyrophilin subfamily 3 member A3;BTN3A3;BTF3;BTN3.3
Species	Human
Expression Host	HEK293 Cells
Sequence	Gln30-Trp248
Accession	O00478-1
Calculated Molecular Weight	24.6 kDa
Observed molecular weight	30 kDa
Tag	C-His

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℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Human BTN3A3; also known as butyrophilin subfamily 3 member A3 and BTF3; is a Single-pass type I membrane protein which belongs to the immunoglobulin superfamily and BTN/MOG family. The butyrophilin (BTN) genes are a group of major histocompatibility complex (MHC)-associated genes that encode type I membrane proteins with 2 extracellular immunoglobulin domains and an intracellular B30.2 (PRYSPRY) domain. It can be detected in peripheral blood mononuclear cells; T-cells l; spleen and lymphocytes. BTN3A3 plays a role in T-cell responses in the adaptive immune response.

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