Product Name: Recombinant Human BTN3A1 (C-Fc)
Catalog #: PHH0177

概述（Summary）

英文全称	BTN3A1/Butyrophilin Subfamily 3 Member A1/CD277
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Butyrophilin Subfamily 3 Member A1 is produced by our Mammalian expression system and the target gene encoding Gln30-Gly254 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	O00481
蛋白标签（Tag）	
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	50.8 KDa
蛋白形态（Form）	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
储存缓冲液（Buffer）	
运输方式（Shipping）	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（Stability &Storage）	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶（Reconstitution）	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图（SDS-PAGE image）

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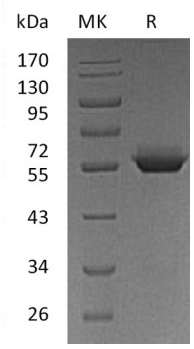

背景（Background）

分子别名（Alternative Names）	Butyrophilin subfamily 3 member A1; CD277; BTN3A1; BTF5
背景介绍（References）	Butyrophilin Subfamily 3 Member A1 (BTN3A1/CD277) is a type I transmembrane glycoprotein member of the Ig superfamily. It is expressed on a wide variety of immune cells. Similar to BTN3A2 and BTN3A3, BTN3A1 is composed of an extracellular N-terminal IgV and a membraneproximal IgC domain followed by a transmembrane domain and a cytoplasmic tail. These Ig domains are also found in B7 family costimulatory molecules, suggesting structural and functional similarities between the two protein families. BTN3A1 acts as a critical protein for the activation of Vγ9Vδ2 T cells following detection of distressed cells. The anti-tumor responses of Vγ9Vδ2 T cells may be enhanced with agonistic anti-BTNA3 antibodies.

注意事项（Note）

For Research Use Only , Not for Diagnostic Use.