

Product Name: Recombinant Human BTN2A1 (C-6His)
Catalog #: PHH0176

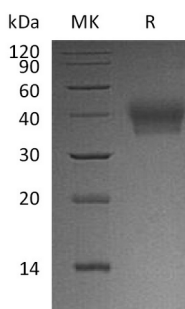


概述 (Summary)

英文全称	BTN2A1/Butyrophilin Subfamily 2 Member A1
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 2 Member A1 is produced by our Mammalian expression system and the target gene encoding Gln29-Ala248 is expressed with a 6His tag at the C-terminus.
Accession #	Q7KYR7-2
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	25.4 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 2 member A1; BTN2A1; BT2.1; BTF1

背景介绍 (References)

Butyrophilin 2A1 (BTN2A1) is an approximately widely expressed and variably glycosylated type I transmembrane glycoprotein. Mature human Butyrophilin 2A1 consists of a 220 amino acid (aa) extracellular domain with two immunoglobulin-like domains, a 21 aa transmembrane segment, and a 258 aa cytoplasmic domain. Alternative splicing generates additional isoforms of human Butyrophilin 2A1 that lack the first Ig like domain or transmembrane segment as well as isoforms with substitutions and deletions in the cytoplasmic region. BTN2A1 is widely expressed including on colonic epithelial cells, on immune cells, and in milk fat globules. It binds to the C-type lectin DCSIGN on monocytederived dendritic cells, and this interaction can be blocked by soluble gp130 from HIV. The polymorphism of BTN2A1 has been associated with metabolic syndrome, type II diabetes mellitus, chronic kidney disease, and hypertension.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.