

Product Information

MemDX™ Membrane Protein Human BTN2A2 (Butyrophilin subfamily 2 member A2)

**Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery,
Partial (33-262aa)**

Cat. No.: **MPX4569K**

This product is for research use only and is not intended for diagnostic use.

This product is a 41.7kDa Human BTN2A2 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

BTN2A2

Protein Length

Partial (33-262aa)

Protein Class

Receptor

Molecular Weight

41.7kDa

TMD

1

Sequence

QFTVVGPANPILAMVGENTTLRCHLSPEKNAEDMEVRWFRSQFSPAVFVYKGGREERTEEQMEEYRGRITFVSKDINRGSVLVIHN

Product Description

Expression Systems

E.coli

Tag

6xHis and SUMO tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

BTN2A2

Full Name

Butyrophilin subfamily 2 member A2

Introduction

Butyrophilin is the major protein associated with fat droplets in the milk. This gene is a member of the BTN2 subfamily of genes, which encode proteins belonging to the butyrophilin protein family. The gene is located in a cluster on chromosome 6, consisting of seven genes belonging to the expanding B7/butyrophilin-like group, a subset of the immunoglobulin gene superfamily. The encoded protein is a type I receptor glycoprotein involved in lipid, fatty-acid and sterol metabolism. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Alternative Names

BTN2A2; BTF2; BT2.2; BTN2.2; butyrophilin 2; Butyrophilin subfamily 2 member A2

Gene ID

[10385](#)

UniProt ID

[Q8WVV5](#)