

Product Information

MemDX™ Membrane Protein Human BTN2A1 (Butyrophilin subfamily 2 member A1 expressed in *in vitro* wheat germ expression system) for Antibody Discovery

Cat. No.: **MP0122X**

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

This product is a 62.48 kDa Human BTN2A1 membrane protein expressed in *in vitro* wheat germ expression system. 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

BTN2A1

Protein Length

Full-length

Molecular Weight

62.48 kDa

TMD

1

Sequence

MESAAALHFSRPASLLLLLLSLCALVSAQFIVVGPTDPILATVGENTTLRCHLSPEKNAEDMEVRWFRSQFSPA VFVYKGGRETEE

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

BTN2A1

Full Name

Butyrophilin subfamily 2 member A1

Introduction

This gene encodes a member of the immunoglobulin superfamily. The gene is located in a cluster of butyrophilin-like genes in the juxta-telomeric region of the major histocompatibility complex on chromosome 6. A pseudogene of this gene has been identified in this cluster. The encoded protein is an integral plasma membrane protein involved in lipid, fatty-acid, and sterol metabolism. Alterations in this gene may be associated with several disease states including metabolic syndrome. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene

Alternative Names

BK14H9.1; BT2.1; BTF1; DJ3E1.1; FLJ36567; butyrophilin BTF1

Gene ID

[11120](#)

UniProt ID

[Q7KYRZ](#)