

# Product Information

## **MemDX™ Membrane Protein Human BTN3A2 (Butyrophilin subfamily 3 member A2 expressed in *in vitro* wheat germ expression system) for Antibody Discovery**

Cat. No.: **MP0123X**

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

This product is a 62.8 kDa Human BTN3A2 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

BTN3A2

#### Protein Length

Full-length

#### Molecular Weight

62.8 kDa

#### TMD

1

#### Sequence

MKMASSLAFLLLNFHVSLLLVQLLTPCSAQFSVLGSPGILAMVGEDADLPCHLFPTMSAETMELKWVSSSLRQVVNVYADGKEVE

### 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**

BTN3A2

**Full Name**

Butyrophilin subfamily 3 member A2

**Introduction**

This gene encodes a member of the immunoglobulin superfamily, which resides in the juxta-telomeric region of the major histocompatibility class 1 locus and is clustered with the other family members on chromosome 6. The encoded protein may be involved in the adaptive immune response. Alternatively spliced transcript variants encoding different isoforms have been found for this gene

**Alternative Names**

BT3.2; BT3.3; BTF4; OTTHUMP00000016164; OTTHUMP00000016165; OTTHUMP00000195579; butyrophilin protein

**Gene ID**

[11118](#)

**UniProt ID**

[P78410](#)