

# Product Information

## **MemDX™ Membrane Protein Human BTLA (B and T lymphocyte associated, transcript variant 1) for Antibody Discovery**

Cat. No.: **MP1321J**

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

This product is a 14.79 kDa Human BTLA membrane protein expressed in HEK293. 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**

BTLA

#### **Protein Length**

Full-length

#### **Protein Class**

Transmembrane

#### **Molecular Weight**

14.79 kDa

#### **TMD**

1

#### **Sequence**

KESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVTWCKLNGTTCVKLEDRQTSWKEEKNISFFILHFEPVLPNDNGSYRCSA

### Product Description

#### **Expression Systems**

HEK293

#### **Tag**

C-His

#### **Form**

Liquid

#### **Endotoxin**

< 1 EU/μg

**Purity**

>95% as determined by SDS-PAGE and Coomassie blue staining

**Buffer**

0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4

**Storage**

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

**Target****Target Protein**

BTLA

**Full Name**

B and T lymphocyte associated

**Introduction**

This gene encodes a member of the immunoglobulin superfamily. The encoded protein contains a single immunoglobulin (Ig) domain and is a receptor that relays inhibitory signals to suppress the immune response. Alternative splicing results in multiple transcript variants. Polymorphisms in this gene have been associated with an increased risk of rheumatoid arthritis.

**Alternative Names**

BTLA1; CD272; B- and T-lymphocyte attenuator; B- and T-lymphocyte-associated protein

**Gene ID**

[151888](#)

**UniProt ID**

[Q7Z6A9](#)