

Product Information

MemDX™ Membrane Protein Human BTLA (B and T lymphocyte associated) with C-terminal DDK/His tag for Antibody Discovery

Cat. No.: **MP1264J**

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

This product is a 14 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 kDa

TMD

1

Sequence

MKTLPAMLGTGKLFVWFFLIPYLDIWNHIGKESCDVQLYIKRQSEHSILAGDPFELECPVKYCANRPHVT
WCKLNGTTCVKLEDRQTSWKEEKNISFFILHFEPVLPNDNGSYRCSANFQSNLIESHSTTLVYTDVKSAS
ERPSKDEMASRPWLLYSLLPLGGLPLLITTCFCLFCCLRRHQGKQNELSDTAGREINLVDAHLKSEQTEA
STRQNSQVLLSETGIYDNDPDLCFRMQEGSEVYSNPCLEENKPGIVYASLNHSHVIGLNSRLARNVKEAPT
EYASICVRS

Product Description

Expression Systems

HEK293

Tag

C-DDK/His

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

PBS, pH7.4, 10% glycerol

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](#)