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Product Information

MemDX™ Antibody Discovery - Human BTLA (31-150) Membrane Protein, Partial, -His tag

Cat. No.: **MP1054F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human BTLA (31-150). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
BTLA

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 15.6 kDa. The protein migrates as 25-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Lys 31 - Ser 150 (Accession # AAP44003.1).

Product Description

Application
SDS-PAGE

Expression Systems
HEK293

Tag
His tag at the C-terminus

Protein Format
Soluble

Form
LYOPH

Reconstitution
Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>90% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage 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

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