

Product Information

MemDX™ Antibody Discovery - Human LAG-3 / CD223 (23-450) Membrane Protein, Partial, - His -Avi tag, [Biotin]

Cat. No.: **MP0553F**

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

This membrane protein is Human LAG-3 / CD223 (23-450). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

LAG-3 / CD223

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 49.9 kDa. The protein migrates as 60 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Leu 23 - Leu 450 (Accession # P18627-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

His tag at the C-terminus, followed by an Avi tag.

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>95% as determined by SDS-PAGE.

Buffer

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

Contact us for customized product form or formulation.

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 conditions after reconstitution after storage at -80°C.

Target

Target Protein

LAG-3 / CD223

Full Name

lymphocyte activating 3

Introduction

Lymphocyte-activation protein 3 belongs to Ig superfamily and contains 4 extracellular Ig-like domains. The LAG3 gene contains 8 exons. The sequence data, exon/intron organization, and chromosomal localization all indicate a close relationship of LAG3 to CD4.

Alternative Names

CD223; lymphocyte activation gene 3 protein; lymphocyte-activation gene 3

Gene ID

[3902](#)

UniProt ID

[P18627](#)