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Product Information

MemDX™ Antibody Discovery - Human CD84 / SLAMF5 (22-225) Membrane Protein, Partial, -His tag

Cat. No.: **MP1170F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human CD84 / SLAMF5 (22-225). 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
CD84 / SLAMF5

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 23.6 kDa. The protein migrates as 35-45 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence
AA Lys 22 - Gly 225 (Accession # AAH20063).

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

>95% 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

CD84 / SLAMF5

Full Name

CD84 molecule

Introduction

This gene encodes a membrane glycoprotein that is a member of the signaling lymphocyte activation molecule (SLAM) family. This family forms a subset of the larger CD2 cell-surface receptor Ig superfamily. The encoded protein is a homophilic adhesion molecule that is expressed in numerous immune cells types and is involved in regulating receptor-mediated signaling in those cells. Alternate splicing results in multiple transcript variants.

Alternative Names

LY9B; hCD84; mCD84; SLAMF5; SLAM family member 5; CD84 antigen (leukocyte antigen); cell surface antigen MAX.3; hly9-beta; leucocyte differentiation antigen CD84; leukocyte antigen CD84; leukocyte differentiation antigen CD84; signaling lymphocytic activation molecule 5

Gene ID

8832

UniProt ID

Q9UIB8

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