

Product Information

MemDX™ Membrane Protein Human CD84 (CD84 molecule) Expressed in NS0 for Antibody Discovery, Partial (22-220aa)

Cat. No.: **MPX0603K**

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

This product is a 23.6 kDa Human CD84 membrane protein expressed in NS0. 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

CD84

Protein Length

Partial (22-220aa)

Protein Class

Receptor; Immunity

Molecular Weight

23.6 kDa

TMD

1

Sequence

KDSEIFTVNGILGESVTFPVNIQEPRQVK
IIAWTSKTSVAYVTPGDSETAPVVTVTHRNYIERIHALGPNYNLVISDLR
MEDAGDYKADINTQADPYTTTKRYNLQIYRRLGKPKITQSLMASVNSTCN
VTLTCSVEKEEKNVTYNWSPLGEEGNVLQIFQTPEDQELTYTCTAQNPNVS
NNSDSISARQLCADIAMGFR

Product Description

Activity

Yes

Expression Systems

NS0

Tag

10xHis tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 100 µg/mL in sterile PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CD84

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

CD84; 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; CD84 molecule

Gene ID

[8832](#)

UniProt ID

[Q9UIB8](#)