

# Product Information

## MemDX™ Membrane Protein Human CD84 (CD84 molecule) Full Length

Cat. No.: **MPC3590K**

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

This product is a made-to-order Human CD84 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

CD84

#### Protein Length

Full length

#### Protein Class

Receptor; Immunity

#### TMD

1

#### Sequence

MAQHHLWILLCLQTWPEAAGKDSEIFTVNGILGESVTFPVNIQEPRQVK  
IIAWTSKTSVAYVTPGDSETAPVTVTHRNYERIHALGPNYNLVISDLR  
MEDAGDYKADINTQADPYTTTKRYNLQIYRRLGKPKITQSLMASVNSTCN  
VTLTCSVEKEEKNVTYNWSPLGEEGNVLQIFQTPEDQELTYTCTAQNPS  
NNSDSISARQLCADIAMGFRTHHTGLLSVLAMFFLLVLILSSVFLFRLFK  
RRQGRIFPEGSCLNFTKNPYAASKKTIYTYIMASRNTQPAESRIYDEIL  
QSKVLPSKEEPVNTVYSEVQFADKMGKASTQDSKPPGTSSYEIVI

### Product Description

#### Expression Systems

HEK293

#### Tag

Based on specific requirements

#### Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

#### Form

Liquid

### Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°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](#)