

Product Information

MemDX™ Membrane Protein Human CD83 (CD83 molecule) for Antibody Discovery

Cat. No.: **MP0368J**

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

This product is a 22.7 kDa Human CD83 membrane protein expressed in HEK293T. 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

CD83

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

22.7 kDa

TMD

1

Sequence

MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRG
QHYHQKGQNGSFDAPNERPYSLKIRNTTSCNSGTYRCTLQDPDGQRNLGKVLRVGTGCPAQRKEETFKK
YRAEIVLLALVIFYLTLIIFTCKFARLQSIFPDFSKAGMERAFLPVTSPNKHGLVTPHKTELV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CD83

Full Name

CD83 molecule

Introduction

The protein encoded by this gene is a single-pass type I membrane protein and member of the immunoglobulin superfamily of receptors. The encoded protein may be involved in the regulation of antigen presentation. A soluble form of this protein can bind to dendritic cells and inhibit their maturation. Three transcript variants encoding different isoforms have been found for this gene.

Alternative Names

BL11; HB15; B-cell activation protein; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily); cell surface protein HB15; cell-surface glycoprotein

Gene ID

[9308](#)

UniProt ID

[Q01151](#)