

Product Information

MemDX™ Membrane Protein Human CD83 (CD83 molecule) with GST-tag for Antibody

Discovery

Cat. No.: **MP0206X**

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

This product is a 48.29 kDa Human CD83 membrane protein expressed in *in vitro* wheat germ expression system. 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

Molecular Weight

48.29 kDa

TMD

1

Sequence

MSRGLQLLLLSCAYSLAPATPEVKVACSEDVDLPCTAPWDPQVPYTVSWVKLLEGGEERMETPQEDHLRGQHYHQKGQNGSFD

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

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; CD83 antigen; CD83 antigen (activated B lymphocytes, immunoglobulin superfamily); OTTHUMP00000016057; cell-surface glycoprotein

Gene ID

[9308](#)

UniProt ID

[Q01151](#)