

Product Information

MemDX™ Membrane Protein Human CD80 (CD80 molecule) expressed in CHO with HPLC analyses for Antibody Discovery

Cat. No.: **MP0059Q**

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

This product is a 50.0 kDa Human CD80 membrane protein expressed in CHO. 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

CD80

Protein Length

Partial

Protein Class

Druggable Genome, Transcription Factors, Transmembrane

Molecular Weight

50.0 kDa

TMD

1

Sequence

VIHVTKEVKEVATLSCGHNVSVEELAQTRIWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYESCVVLKYE

Product Description

Expression Systems

CHO

Form

Powder

Endotoxin

<1 EU/μg

Purity

>95% pure by SDS-PAGE and HPLC analyses

Buffer

Lyophilized purified protein

Storage

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

Target**Target Protein**

CD80

Full Name

CD80 molecule

Introduction

The protein encoded by this gene is a membrane receptor that is activated by the binding of CD28 or CTLA-4. The activated protein induces T-cell proliferation and cytokine production. This protein can act as a receptor for adenovirus subgroup B and may play a role in lupus neuropathy.

Alternative Names

B7; B7-1; B7.1; BB1; CD28LG; CD28LG1; LAB7, T-lymphocyte activation antigen CD80; B-lymphocyte activation antigen B7; Activation B7-1 antigen; CTLA-4 counter-receptor B7.1; CD80; CD80 antigen (CD28 antigen ligand 1, B7-1 antigen); costimulatory factor CD80; costimulatory molecule variant IgV-CD80

Gene ID

[941](#)

UniProt ID

[P33681](#)