

Product Information

MemDX™ Membrane Protein Human CD80 (CD80 molecule) Expressed in Mammalian cell expression system with hlgG1 FC tag at the C-terminus for Antibody Discovery, Partial (35-242aa)

Cat. No.: **MPX4668K**

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

This product is a 51.4 kDa Human CD80 membrane protein expressed in Mammalian cell 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

CD80

Protein Length

Partial (35-242aa)

Protein Class

Receptor

Molecular Weight

51.4 kDa

TMD

1

Sequence

VIHVTKEVKEVATLSCGHNVSVEELAQTRIYWQKEKKMVLTMMSGDMNIWPEYKNRTIFDITNNLSIVILALRPSDEGTYECVVLKYE

Product Description

Expression Systems

Mammalian cell expression system

Tag

hlgG1 FC tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

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**

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

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

Gene ID

[941](#)

UniProt ID

[P33681](#)