

Product Information

MemDX™ Membrane Protein Human CD80 (CD80 molecule) expressed in CHO cells for Antibody Discovery

Cat. No.: **MP1286J**

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

Full-length

Protein Class

Druggable Genome, Transcription Factors, Transmembrane

Molecular Weight

50.0 kDa

TMD

1

Sequence

VIHVTKEVKE VATLSCGHN V SVEELAQTRI YWQKEKKMVL TMMSGDMNIW PEYKNRTIFD ITNNLSIVIL
ALRPSDEGTY ECVVLKYEKD AFKREHLAEV TLSVKADFPT PSISDFEIPT SNIRRIICST SGGFPEPHLS WLENGEELNA
INTTVSQDPE TELYAVSSKL DFNMTTNHSF MCLIKYGHLR VNQTFNWNTT KQEHFPDNGG PKSCDKTHTC
PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY
NSTYRVVSVL TVLHQDWLNG KEYKCKVSNK ALPAPIEKTI SKAKGQPREP QVYTLPPSRD ELTKNQVSLT
CLVKGFYPSD IAVEWESNGQ PENNYKTPPP VLDSGDSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY
TQKSLSLSPG K

Product Description

Expression Systems

CHO

Form

Liquid

Reconstitution

Restore in Water to a concentration of 0.1-1.0 mg/ml

Endotoxin

< 1 EU/μg

Purity

>95% pure by SDS-PAGE and HPLC analyses

Buffer

10mM Sodium Phosphate, pH 7.5

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; BB1; B7-1; B7.1; LAB7; CD28LG; CD28LG1

Gene ID

[941](#)

UniProt ID

[P33681](#)