

Product Information

MemDX™ Membrane Protein Cavia porcellus (Guinea pig) Ctla4 (Cytotoxic T-lymphocyte associated protein 4) for Antibody Discovery

Cat. No.: **MP1477J**

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

This product is a 14.1 kDa Cavia porcellus (Guinea pig) Ctla4 membrane protein expressed in Yeast. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Cavia porcellus (Guinea pig)

Target Protein

Ctla4

Protein Length

Partial (37-161aa)

Protein Class

Immune Checkpoints

Molecular Weight

14.1 kDa

TMD

1

Sequence

AMHVAQPAVVCLASSRGVASFECEYASSHNANEVRVTVLQQVASRTTEICAATYTVRELAFPEDSACAGTSSGTRVNLTIQGLRAA

Product Description

Activity

Yes

Expression Systems

Yeast

Tag

C-6xHis

Form

Liquid

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Endotoxin

<1.0 EU/μg

Purity

>90% as determined by SDS-PAGE

Buffer

0.2 μm filtered 1xPBS, pH 7.4

Storage

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

Target**Target Protein**

Ctla4

Full Name

Cytotoxic T-lymphocyte associated protein 4

Introduction

Inhibitory receptor acting as a major negative regulator of T-cell responses. The affinity of CTLA4 for its natural B7 family ligands, CD80 and CD86, is considerably stronger than the affinity of their cognate stimulatory coreceptor CD28.

Alternative Names

cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4

Gene ID

[100725760](#)

UniProt ID

[H0VUB1](#)