

Product Information

MemDX™ Membrane Protein Mouse Ctla4 (Cytotoxic T-lymphocyte-associated protein 4, 36-223aa) expressed in *E.coli* for Antibody Discovery

Cat. No.: **MP1511J**

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

This product is a 33.9kDa Mouse Ctla4 membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Mouse

Target Protein

Ctla4

Protein Length

Partial (36-223aa)

Protein Class

Drug Target

Molecular Weight

33.9kDa

TMD

1

Sequence

EAIQVTQPSVVLASSHGVASFPCEYSPSHNTDEV RVTVLRQTNDQMTEVCATTFTEKNTVGFLDYPFCSGTFNESRVNLTIQGLRA

Product Description

Expression Systems

E.coli

Tag

N-10xHis-SUMO and C-Myc

Form

Liquid or Lyophilized powder

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).

Purity

>90% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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

Ctla4; Cd152; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD antigen CD152; Ly-5; Ly-56; Ctla-4

Gene ID

[12477](#)

UniProt ID

[P09793](#)