

Product Information

MemDX™ Membrane Protein Canis lupus familiaris (Dog) (Canis familiaris) CTLA4 (Cytotoxic T-lymphocyte protein 4) for Antibody Discovery

Cat. No.: **MP1513J**

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

This product is Canis lupus familiaris (Dog) (Canis familiaris) CTLA4 membrane protein expressed in Yeast, *E.coli*, In Vivo Biotinylation, Baculovirus, or Mammalian cell. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Canis lupus familiaris (Dog) (Canis familiaris)

Target Protein

CTLA4

Protein Length

Partial

Protein Class

Drug Target

TMD

1

Product Description

Expression Systems

Yeast

E.coli

In Vivo Biotinylation in *E.coli*

Baculovirus

Mammalian cell

Tag

N-His or Tag-Free

Form

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

>85% as determined by SDS-PAGE

Buffer

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 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; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; CTLA-4; CD antigen CD152

UniProt ID

[Q9XSI1](#)