

## Product Information

### **MemDX™ Membrane Protein Mouse Ctla4 (Cytotoxic T-lymphocyte-associated protein 4, 36-161aa) for Antibody Discovery**

Cat. No.: **MP1509J**

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

This product is Mouse Ctla4 membrane protein expressed in Yeast, In Vivo Biotinylation in *E.coli*, 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

Mouse

##### Target Protein

Ctla4

##### Protein Length

Partial (36-161aa)

##### Protein Class

Drug Target

##### TMD

1

##### Sequence

EAIQV TQPSVVLASS HGVASFPCEY SPSHNTDEV R VTVLRQTNDQ MTEVCATTFT EKNTVGFLDY PFCSGTFNES  
RVNLTIQGLR AVDTGLYLCK VELMYPPPYF VGMGNGTQIY VIDPEPCPDS D

#### Product Description

##### Expression Systems

Yeast  
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-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](#)