

# Product Information

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

Cat. No.: **MP1510J**

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

This product is Mouse Ctla4 membrane protein expressed in 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 (36-223aa)

#### Protein Class

Drug Target

#### TMD

1

#### Sequence

EAIQVTQPSVVLASSHGVASFPCEYSPSHNTDEV RVTVLRQTNDQMTEVCATTFTEKNTVGFLDYPFCSGTFNESRVNLTIQGLRA

### Product Description

#### Expression Systems

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](#)