

Product Information

MemDX™ Membrane Protein Human CTLA4 (Cytotoxic T-lymphocyte associated protein 4, 36-161aa) for Antibody Discovery

Cat. No.: **MP1488J**

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

This product is a 14.3 kDa Human 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

Human

Target Protein

CTLA4

Protein Length

Partial (36-161aa)

Protein Class

Immune Checkpoints

Molecular Weight

14.3 kDa

TMD

1

Sequence

KAMHVAQPAVVLASSRGIASFVCEYASPGKATEVRVTVLRQADSQVTEVCAATYMMGNELTFLDDSICTGTSSGNQVNLTIQGLRA

Product Description

Activity

Yes

Expression Systems

Mammalian cell

Tag

C-6xHis

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).

Endotoxin

<1.0 EU/μg

Purity

>95% 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

ALPS5; CD 152; CD; CD152; CD152 antigen; CD152 isoform; Celiac disease 3; CELIAC3; CTLA 4; CTLA-4; CTLA4; CTLA4_HUMAN; Cytotoxic T cell associated 4; Cytotoxic T lymphocyte antigen 4; Cytotoxic T lymphocyte associated 4; Cytotoxic T lymphocyte associated 4, soluble isoform, included; Cytotoxic T lymphocyte associated antigen 4; Cytotoxic T lymphocyte associated antigen 4 short spliced form; Cytotoxic T lymphocyte associated protein 4; Cytotoxic T lymphocyte associated serine esterase 4; Cytotoxic T lymphocyte protein 4; Cytotoxic T-lymphocyte protein 4; Cytotoxic T-lymphocyte-associated antigen 4; GRD4; GSE; ICOS; IDDM12; insulin-dependent diabetes mellitus 12; Ligand and transmembrane spliced cytotoxic T lymphocyte associated antigen 4; OTTHUMP00000216623

Gene ID

[1493](#)

UniProt ID

[P16410](#)