

Product Information

MemDX™ Antibody Discovery - Human CD73 (27-549) Membrane Protein, Partial, -His tag

Cat. No.: **MP1313F**

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

This membrane protein is Human CD73 (27-549). It has been tested in SDS-PAGE, ELISA, SEC-HPLC, SEC-SPR, SEC-BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

CD73

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 59.9 kDa. The protein migrates as 30 kDa, 40 kDa and 65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Trp 27 - Ser 549 (Accession # P21589-1).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA, SEC-HPLC, SEC-SPR, SEC-BLI

Expression Systems

HEK293

Tag

His tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>85% as determined by SDS-PAGE.

>90% as determined by SEC-HPLC.

Buffer

Lyophilized from 0.22 μm filtered solution in 20 mM Tris, 120 mM NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target**Target Protein**

CD73

Full Name

5'-nucleotidase ecto

Introduction

The protein encoded by this gene is a plasma membrane protein that catalyzes the conversion of extracellular nucleotides to membrane-permeable nucleosides. The encoded protein is used as a determinant of lymphocyte differentiation. Defects in this gene can lead to the calcification of joints and arteries. Two transcript variants encoding different isoforms have been found for this gene.

Alternative Names

NT; eN; NT5; NTE; eNT; CD73; E5NT; CALJA; 5'-nucleotidase; 5'-NT; Purine 5-Prime-Nucleotidase; ecto-5'-nucleotidase

Gene ID

[4907](#)

UniProt ID

[P21589](#)