

Product Information

MemDX™ Membrane Protein Human CPD (Carboxypeptidase D) Expressed in *E.coli* with 10xHis tag at the N-terminus, Myc tag at the C-terminus for Antibody Discovery, Partial (383-461aa)

Cat. No.: **MPX4089K**

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

This product is a 15.8 kDa Human CPD membrane protein expressed in *E.coli*. 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

CPD

Protein Length

Partial (383-461aa)

Protein Class

Protease

Molecular Weight

15.8 kDa

TMD

1

Sequence

GVKGFVKDSITGSGLENATISVAGINHNITTGRFGDFYRLLVPGTYNLTVVLTGYMPLTVTNVVVKEGPATEVDFSLRP

Product Description

Expression Systems

E.coli

Tag

10xHis tag at the N-terminus, Myc tag at the C-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

CPD

Full Name

Carboxypeptidase D

Introduction

The metallocarboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D has been identified as a regulatory B-type carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. Transcript variants utilizing alternative polyadenylation signals exist for this gene.

Alternative Names

CPD; GP180; metallocarboxypeptidase D; Carboxypeptidase D

Gene ID

[1362](#)

UniProt ID

[Q75976](#)