

Product Information

MemDX™ Membrane Protein Human CEACAM3 (CEA cell adhesion molecule 3) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Partial (35-155aa)

Cat. No.: **MPX4289K**

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

This product is a 29.1kDa Human CEACAM3 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

CEACAM3

Protein Length

Partial (35-155aa)

Protein Class

Receptor

Molecular Weight

29.1kDa

TMD

1

Sequence

KLTIESMPLSVAEGKEVLLLVHNLPQHLLFGYSWYKGERVDGNSLIVGYVIGTQQATPGAAYSGRETIYTNASLLIQNVTQNDIGFYTL

Product Description

Expression Systems

E.coli

Tag

6xHis and SUMO tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% 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**

CEACAM3

Full Name

CEA cell adhesion molecule 3

Introduction

This gene encodes a member of the family of carcinoembryonic antigen-related cell adhesion molecules (CEACAMs), which are used by several bacterial pathogens to bind and invade host cells. The encoded transmembrane protein directs phagocytosis of several bacterial species that is dependent on the small GTPase Rac. It is thought to serve an important role in controlling human-specific pathogens by the innate immune system. Alternatively spliced transcript variants have been described.

Alternative Names

CEACAM3; CEA; CGM1; W264; W282; CD66D; carcinoembryonic antigen-related cell adhesion molecule 3; CD66d antigen; carcinoembryonic antigen CGM1; carcinoembryonic antigen gene family member 1; carcinoembryonic antigen related cell adhesion molecule 3; nonspecific cross-reacting antigen; CEA cell adhesion molecule 3

Gene ID

[1084](#)

UniProt ID

[P40198](#)