

Product Information

MemDX™ Membrane Protein Human EPCAM (Epithelial cell adhesion molecule) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0108Q**

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

This product is a 29.5 kDa Human EPCAM membrane protein expressed in Sf9. 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

EPCAM

Protein Length

Partial

Protein Class

ES Cell Differentiation/IPS, Transmembrane

Molecular Weight

29.5 kDa

TMD

1

Sequence

MAPPQVLAFGLLLAAATATFAAAQEECVENYKLAVNCFVNNNRQCQCTSVGAQNTVICSKLAAKCLVMKAEMNGSKLGRRAKPE

Product Description

Expression Systems

Sf9

Tag

C-DDK

Form

Powder

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

50mM Tris-HCl, pH8.0, 100mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

EPCAM

Full Name

Epithelial cell adhesion molecule

Introduction

This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy.

Alternative Names

DIAR5; EGP-2; EGP40; EGP314; ESA; HNPCC8; KS1/4; KSA; M4S1; MIC18; MK-1; TACSTD1; TROP1; epithelial cell adhesion molecule; adenocarcinoma-associated antigen; cell surface glycoprotein Trop-1; epithelial glycoprotein 314; human epithelial glycoprotein-2; major gastrointestinal tumor-associated protein GA733-2; membrane component, chromosome 4, surface marker (35kD glycoprotein); trophoblast cell surface antigen 1; tumor-associated calcium signal transducer 1; Ep-CAM; EGP; hEGP314; KS 1/4 antigen; Tumor-associated calcium signal transducer 1; CD326; Epithelial glycoprotein

Gene ID

[4072](#)

UniProt ID

[P16422](#)