

# Product Information

## MemDX™ Membrane Protein Human EPCAM (Epithelial cell adhesion molecule) without tag for Antibody Discovery

Cat. No.: **MP0330X**

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

This product is a 34.9 kDa Human EPCAM membrane protein expressed in *in vitro* wheat germ expression system. 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

Full-length

#### Molecular Weight

34.9 kDa

#### TMD

1

#### Sequence

MAPPQVLAFLGLLLAAATATFAAAQEEECVCENYKLAVNCFVNNNRQCQCTSVGAQNTVICSKLAAKCLVMKAEMNGSKLGRRAKPE

### Product Description

#### Application

Antibody Production

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

NO

#### Protein Format

Liposome

#### Form

Liquid

**Purification**

None

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% 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**

17-1A; 323/A3; CD326; CO-17A; CO17-1A; EGP; EGP-2; EGP34; EGP40; ESA; Ep-CAM; GA733-2; HEA125; KS1/4; KSA; M4S1; MH99; MIC18; MK-1; MOC31; TACST-1; TACSTD1; TROP1; hEGP-2; adenocarcinoma-associated antigen; carcinoma-associated antigen GA733-2; human epithelial glycoprotein-2; membrane component; chromosome 4, surface marker (35kD glycoprotein); tumor-associated calcium signal transducer 1

**Gene ID**

[4072](#)

**UniProt ID**

[P16422](#)