

# Recombinant Human EpCAM protein, Fc-tagged, FITC-Labeled

**Cat. No.** EPCAM-786HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | FITC-Labeled Recombinant Human EpCAM protein(Gln 24 - Lys 265), fused with Fc tag, was expressed in HEK293.                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                   |
| <b>Source</b>           | HEK293                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 24-265 a.a.                                                                                                                                                                                             |
| <b>Form</b>             | Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.                                                                              |
| <b>Molecular Mass</b>   | This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 53.5 kDa. The protein migrates as 60-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation. |
| <b>Proteinlength</b>    | Gln24-Lys265                                                                                                                                                                                            |
| <b>Endotoxin</b>        | Less than 1.0 EU per µg by the LAL method.                                                                                                                                                              |
| <b>Purity</b>           | >90% as determined by SDS-PAGE.                                                                                                                                                                         |
| <b>Storage</b>          | For long term, the product should be stored at lyophilized state at -20°C or lower.Please protect from light and avoid repeated freeze-thaw cycles. This product is stable after at:                    |

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-20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Conjugation**

FITC

## GENE INFORMATION

**Gene Name**

EPCAM epithelial cell adhesion molecule [ Homo sapiens ]

**Official Symbol**

EpCAM

**Synonyms**

EPCAM; epithelial cell adhesion molecule; antigen identified by monoclonal AUA1 , M4S1, MIC18, TACSTD1, tumor associated calcium signal transducer 1; 17 1A; 323/A3; CD326; CO 17A; EGP 2; EGP34; EGP40; Ep CAM; ESA; GA733 2; HEA125; KS1/4; KSA; Ly74; MH99; MK 1; MOC31; TACST 1; TROP1; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated protein GA733-2; membrane component, chromosome 4, surface marker (35kD glycoprotein); M4S1; MK-1; DIAR5; EGP-2; MIC18; EGP314; HNPCC8; TACSTD1; GA733-2;

**Gene ID**

4072

**mRNA Refseq**

NM\_002354

**Protein Refseq**

NP\_002345

**MIM**

185535

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UniProt ID

P16422

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