

## Recombinant Human EpCAM protein(Met1-Lys265), His-Avi-tagged, Biotinylated

Cat. No. EPCAM-350H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant Human EPCAM (NP_002345.2) (Met1-Lys265) was expressed in HEK293 with a c-terminal polyhistidine tagged AVI tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Lys265
<b>Conjugation/Label</b>	Biotin
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured by its ability to bind Human E-Cadherin Protein, Recombinant (ECD, hFc Tag) in functional ELISA.
<b>Molecular Mass</b>	The recombinant human EPCAM consists of 268 amino acids and predicts a molecular mass of 30.7 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE. > 90 % as determined by SEC-HPLC.

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**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**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** Biotin

## 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](#)

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<b>MIM</b>	185535
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<b>UniProt ID</b>	P16422
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