

# Recombinant Human EPCAM Protein, Fc-tagged, Biotinylated

Cat. No. EPCAM-219H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Biotinylated Recombinant human EPCAM protein with Fc tag was expressed in HEK293..
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	314
<b>Description</b>	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.
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	54 kDa
<b>AA Sequence</b>	MAPPQVLAFLGLLLAATATFAAAQEECVCENYKLAVNCFVNNNRQCQCTSVGAQNT VICSKLAAKCLVMKAEMNGSKLGRRAKPEGALQNNNDGLYDPDCDESGLFKAKQCN GTSMCWCVNTAGVRRTDKDEITCSERVRTYWIIIELKHKAREKPYDSKSLRTALQK EITTRYQLDPKFITSILYENNVIDLVQNSSQKTQNDVDIADVAYYFEKDVKGESLFHS KKMDLTVNGEQLDLDPGQTLIYYVDEKAPEFSMQGLKAGVIAVIVVVVIAVVAGIVVL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	VISRKKRMAKYEKAEIKEMGEMHRELNA
<b>Purity</b>	> 98%
<b>Applications</b>	WB; ELISA; FACS; FC
<b>Stability</b>	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
<b>Storage</b>	At -20 centigrade.
<b>Concentration</b>	1 mg/mL
<b>Storage Buffer</b>	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
<b>Reconstitution</b>	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.
<b>Conjugation</b>	Biotin

## GENE INFORMATION

<b>Gene Name</b>	EPCAM epithelial cell adhesion molecule [ Homo sapiens (human) ]
<b>Official Symbol</b>	EPCAM
<b>Synonyms</b>	EPCAM; epithelial cell adhesion molecule; antigen identified by monoclonal AUA1 , M4S1, MIC18, TACSTD1, tumor associated calcium signal transducer 1; 17 1A;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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](#)

**UniProt ID** [P16422](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA