

Recombinant Human EPCAM, Fc tagged

Cat. No. EPCAM-81H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPCAM extracellular domain (Met 1-Lys265) (NP_002345.1), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.
Species	Human
Source	HEK293
ProteinLength	Met1-Lys265
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant human EpCAM/Fc chimera is a disulfide-linked homodimeric protein after removal of the signal peptide. The monomer consists of 480 amino acids and has a calculated molecular mass of 54 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EpCAM/Fc is approximately 65-70 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
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.

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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.

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

UniProt ID

P16422

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