

Recombinant Human EPCAM Protein, Fc-Avi-tagged, Biotinylated

Cat. No. EPCAM-7818H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Human EpCAM, Fc Tag, Avi Tag is expressed from HEK293 cells. It contains AA Gln 24 - Lys 265 (Accession # AAH14785.1). This protein carries a human IgG1 Fc tag at the C-terminus, followed by a Avi tag.
Species	Human
Source	HEK293
ProteinLength	24-265 a.a.
Predicted N Terminal	Gln 24
Form	Lyophilized from 0.22 um filtered solution in 50 mM Tris, 100 mM Glycine, 25 mM Arg, 150 mM NaCl, pH7.5, 10% trehalose.
Molecular Mass	The protein has a calculated MW of 56.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Characteristic	Biotinylation of this product is performed using Avitag technology. Briefly, the single lysine residue in the Avitag is enzymatically labeled with biotin.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. No activity loss is observed after storage at: 4-8°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 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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UniProt ID	P16422

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