

Recombinant Human EPCAM protein, His-SUMO-tagged

Cat. No. EPCAM-2855H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPCAM protein(P16422)(24-265aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-265aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	40.4 kDa
AA Sequence	QEEVCENYKLAVNCFVNNNRQCQCTSVGAQNTVICKLAALKCLVMKAEMNGSKL GRRAKPEGALQNNNDGLYDPDCDESGLFKAKQCNGTSMCWCVNTAGVRRRTDKDTEI TCSERVRTYWIIIELKHKAREKPYDSKSLRTALQKEITTRYQLDPKFITSILYENNVITID LVQNSSQKTQNDVDIADVAYYFEKDVKGESLFHSHKMDLTVNGEQLDLDPGQTLIYY VDEKAPEFSMQGLK
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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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