

Recombinant Human EpCAM Protein (His Tag)

Catalog Number:PDEH100014



Note: Centrifuge before opening to ensure complete recovery of vial contents.

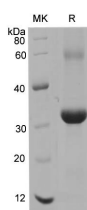
Description

Synonyms	Epithelial cell adhesion molecule;Ep-CAM;Adenocarcinoma-associated antigen;Cell surface glycoprotein Trop-1;Epithelial cell surface antigen;Epithelial glycoprotein;EGP;Epithelial glycoprotein 314;EGP314;hEGP314;KS 1/4 antigen.KSA;Major gastrointestinal tumor-associated protein GA733-2;Tumor-associated calcium signal transducer 1;CD326;EPCAM;GA733-2;M1S2;M4S1;MIC18;TACSTD1;TROP1
Species	Human
Expression Host	E.coli
Sequence	Glu24-Lys265
Accession	P16422-1
Calculated Molecular Weight	27.4 kDa
Observed molecular weight	29.72 kDa
Tag	N-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 85 % as determined by reducing SDS-PAGE.

Background

May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of

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FABP5, MYC and cyclins A and E.

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