

Datasheet for ABIN7504930

EpCAM Protein (AA 24-265) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	EpCAM (EPCAM)
Protein Characteristics:	AA 24-265
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EpCAM protein is labelled with His tag.

Product Details

Sequence:	Glu24-Lys265
Characteristics:	A DNA sequence encoding the Human EpCAM (P16422-1) (Glu24-Lys265) was expressed with a polyhistidine tag at the N-terminus.
Purity:	> 85 % as determined by reducing SDS-PAGE.

Target Details

Target:	EpCAM (EPCAM)
Alternative Name:	EpCAM (EPCAM Products)
Background:	Abbreviation: EpCAM Target Synonym: 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

Target Details

gastrointestinal tumor-associated protein GA733-2,Tumor-associated calcium signal transducer 1,CD326,EPCAM,GA733-2,M1S2,M4S1,MIC18,TACSTD1,TROP1

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 FABP5, MYC and cyclins A and E.

Molecular Weight: Calculated MW: 27.42 kDa
 Observed MW: 29.72 kDa

UniProt: [P16422-1](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
 Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.

Expiry Date: 12 months