

# Recombinant Human EPCAM Protein, His-tagged, FITC conjugated

**Cat. No.** EPCAM-195HF    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      FITC conjugated recombinant human EPCAM (NP\_002345.1) extracellular domain (Met 1-Lys265), fused with a polyhistidine tag at the C-terminus, was produced in Human Cell.

**Species**                      Human

**Source**                        HEK293

**ProteinLength**              253

**Form**                          Lyophilized

**Molecular Mass**              The recombinant human EpCAM consists of 253 amino acids after removal of the signal peptide and has a calculated molecular mass of 29 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EpCAM is approximately 36 kDa due to glycosylation.

**Endotoxin**                      < 1.0 EU/ µg of the protein as determined by the LAL method.

**Characteristic**              Disulfide-linked homodimer  
 Labeled with FITC via amines  
 Excitation source: 488 nm spectral line, argon-ion laser  
 Excitation Wavelength: 488 nm  
 Emission Wavelength: 535 nm

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<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile PBS, pH 7.4
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">EPCAM epithelial cell adhesion molecule [ Homo sapiens ]</a>
<b>Official Symbol</b>	<a href="#">EPCAM</a>
<b>Gene ID</b>	<a href="#">4072</a>
<b>mRNA Refseq</b>	<a href="#">NM_002354</a>
<b>Protein Refseq</b>	<a href="#">NP_002345</a>
<b>MIM</b>	<a href="#">185535</a>
<b>UniProt ID</b>	<a href="#">P16422</a>

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