

Recombinant Human EPCAM Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. EPCAM-81HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 488 conjugated recombinant human EPCAM extracellular domain (Met 1-Lys265) (NP_002345.1), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cell.

Species Human

Source HEK293

ProteinLength 480

Form Lyophilized

Molecular Mass The recombinant human EpCAM/Fc chimera is a disulfide-linked homodimeric protein after removal of the signal peptide. The monomer consists of 480 amino acids and has a calculated molecular mass of 54 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh EpCAM/Fc is approximately 65-70 kDa due to glycosylation.

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

Characteristic Disulfide-linked homodimer
Labeled with Alexa Fluor 488 via amines
Excitation Wavelength: 488 nm
Emission Wavelength: 515-545 nm

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile PBS, pH 7.4
Reconstitution	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.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	EPCAM epithelial cell adhesion molecule [Homo sapiens]
Official Symbol	EPCAM
Gene ID	4072
mRNA Refseq	NM_002354
Protein Refseq	NP_002345
MIM	185535
UniProt ID	P16422

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA