Recombinant Human EPCAM Protein, His-tagged, Alexa Fluor 555 conjugated

Cat. No. EPCAM-195HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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 Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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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 555

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

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