

Recombinant Cynomolgus EPCAM Protein, DDDDK-tagged, Alexa Fluor 488 conjugated

Cat. No. EPCAM-185CAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview A DNA sequence encoding the cynomolgus EPCAM [(Identical to the rhesus EPCAM (NP_001035118.1)] (Met1-Lys265) (Alexa Fluor 488 conjugated) was expressed with five amino acids (DDDDK) at the C- terminus.

Species Monkey

Source HEK293

ProteinLength Met1-Lys265 248

Form Lyophilized

Molecular Mass The recombinant cynomolgus EPCAM comprises 248 amino acids and has a calculated molecular mass of 28 kDa. The apparent molecular mass of the protein is approximately 39 kDa in SDS-PAGE.

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

Purity > 85 % as determined by SDS-PAGE

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

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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 -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from sterile PBS, pH7.4.
Conjugation	Alexa Fluor 488

GENE INFORMATION

Gene Name	EPCAMepithelial cell adhesion molecule [Macaca mulatta(Rhesus monkey)]
Official Symbol	EPCAM
Synonyms	EPCAM; Ep-CAM; TACSTD1; epithelial cell adhesion molecule; tumor-associated calcium signal transducer 1
Gene ID	677680
mRNA Refseq	NM_001040029
Protein Refseq	NP_001035118
UniProt ID	Q1WER1

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