

Recombinant Cynomolgus EPCAM Protein, DDDDK-tagged, Alexa Fluor 555 conjugated

Cat. No. EPCAM-185CAF555 **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 555 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 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

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	TRITC/Cy3 filters.
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 555

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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