Recombinant Rat Epcam protein(Met1-Thr266), His-tagged

Cat. No. Epcam-7482R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat EPCAM (O55159) (Met1-Thr266) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-266 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant rat EPCAM comprises 254 amino acids and predicts a molecular mass of 29.2 kDa. The apparent molecular mass of the recombinant protein is approximately 39 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Epcam epithelial cell adhesion molecule [Rattus norvegicus]
Official Symbol	Epcam
Synonyms	EPCAM; epithelial cell adhesion molecule; ep-CAM; epithelial glycoprotein 314; tumor-associated calcium signal transducer 1; Egp314; Tacstd1;
Gene ID	171577
mRNA Refseq	NM_138541
Protein Refseq	NP_612550

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