

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat EPCAM (O55159) (Met1-Thr266) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-266 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 97 % as determined by SDS-PAGE
<b>Storage</b>	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.
<b>Reconstitution</b>	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

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

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