

## Recombinant Rat Epcam protein, hFc-tagged

**Cat. No.** Epcam-7481R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Epcam protein(O55159)(Met1-Thr266), fused with hFc tag, was expressed in HEK293.
<b>Species</b>	Rat
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Thr266
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Molecular Mass</b>	The recombinant rat EPCAM/Fc is a disulfide-linked homodimer. The reduced monomer comprises 484 amino acids and has a predicted molecular mass of 54.8 kDa. The apparent molecular mass of the protein is approximately 61 and 37 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 98 % 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

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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 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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