

Recombinant Rat Epcam protein, hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Epcam protein(O55159)(Met1-Thr266), fused with hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Thr266
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 98 % 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

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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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