

Rat EpCAM/TROP-1/TACSTD1 (His Tag) recombinant protein



Catalog Number: 502424

General Information

Gene Name Synonym

Epithelial glycoprotein 314; Protein D5.7A; Tumor-associated calcium signal transducer 1

Protein Construction

A DNA sequence encoding the rat EPCAM (O55159) (Met1-Thr266) was expressed, fused with a polyhistidine tag at the C-terminus.

Organism

Rat

Expression Host

Human Cells

QC Testing

Purity

> 97 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Gln 24

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.

Formulation

Lyophilized from sterile PBS, pH 7.4

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

Usage Guide

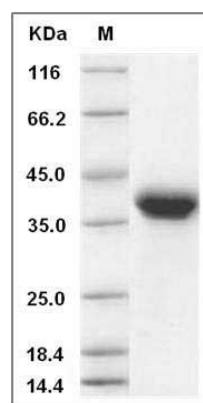
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



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