

Recombinant Rat HepaCAM2 Protein (Fc Tag)

Catalog Number:PKSR030295



Note: Centrifuge before opening to ensure complete recovery of vial contents.

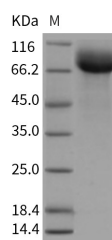
Description

| | |
|------------------------------------|--------------|
| Synonyms | HepaCAM2 |
| Species | Rat |
| Expression Host | HEK293 Cells |
| Sequence | Met1-Leu350 |
| Accession | B5DEN8 |
| Calculated Molecular Weight | 62.3 kDa |
| Observed molecular weight | 66-73 kDa |
| Tag | C-hFc |

Properties

| | |
|-----------------------|---|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Shipping | This product is provided as lyophilized powder which is shipped with ice packs. |
| Formulation | Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual. |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

Background

HepaCAM2 belongs to the immunoglobulin family. HepaCAM2, together with HEPACAM1, are cell adhesion molecules. HEPACAM1 modulates cell adhesion and migration. It also inhibits cancer cell growth. HepaCAM2 contains 2 Ig-like C2-type (immunoglobulin-like) domains. The immunoglobulin domain is a type of protein domain that consists of a 2-layer sandwich of between 7 and 9 antiparallel β -strands arranged in two β -sheets with a Greek key topology. Members of the immunoglobulin superfamily are found in hundreds of proteins of different functions.

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