



# Recombinant Protein Technical Manual

## Recombinant Rat HepaCAM2 Protein (His Tag)

RPES0155

### Product Data:

**Product SKU:** RPES0155

**Size:** 20µg

**Species:** Rat

**Expression host:** HEK293 Cells

**Uniprot:** B5DEN8

### Protein Information:

**Molecular Mass:** 36.7 kDa

**AP Molecular Mass:** 60 kDa

**Tag:** C-His

**Bio-activity:**

**Purity:** > 95 % as determined by SDS-PAGE

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

**Storage:** 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

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** HepaCAM2

## Immunogen Information:

**Sequence:** Met1-Leu350

## 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  $\beta$ -strands arranged in two  $\beta$ -sheets with a Greek key topology. Members of the immunoglobulin superfamily are found in hundreds of proteins of different functions.