

Datasheet for ABIN7318573 **HEPACAM Protein (His tag)**



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Overview

Quantity:	50 µg
Target:	HEPACAM
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HEPACAM protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HEPACAM Protein (His Tag)
Sequence:	Val34-Ser240
Characteristics:	Recombinant Human Hepatocyte Cell Adhesion Molecule is produced by our Mammalian expression system and the target gene encoding Val34-Ser240 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HEPACAM
Alternative Name:	HEPACAM (HEPACAM Products)
Background:	Background: Hepatocyte Cell Adhesion Molecule (HEPACAM) is a single-pass type I membrane protein that localizes to the cytoplasmic side of the cell membrane. HEPACAM includes a signal

Target Details

sequence (amino acid 1-33), an extracellular region (amino acid 34-240) with one Ig-like C2-type domain and one Ig-like V-type domain, a transmembrane segment (amino acid 241-261), and a cytoplasmic domain (amino acid 262 - 416). The cytoplasmic domain plays an important role in regulation of cell-matrix adhesion and cell motility. HEPACAM acts as a homodimer and dimer formation occurs predominantly through cis interactions on the cell surface. HEPACAM is involved in cell motility and cell-matrix interactions. The expression of this gene is down-regulated or undetectable in many cancer cell lines, so this may be a tumor suppressor gene. Synonym: Hepatocyte Cell Adhesion Molecule, Protein HepaCAM, HEPACAM

Molecular Weight: 24.1 kDa

UniProt: [Q14CZ8](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: 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.