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32-7473: Recombinant Human Hepatocyte Cell Adhesion Molecule/HepaCAM (C-6His)(Discontinued)

Gene : HEPACAM
Gene ID : 220296
Uniprot ID : Q14CZ8

Description

Source: Human Cells.
MW :24.09kD.
Recombinant Human HepaCAM is produced by our Mammalian expression system and the target gene encoding Val34-Ser240 is expressed with a 6His tag at the C-terminus. 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 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.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	VNITSPVRLIHGTVGKSALLSVQYSSTSSDRPVVKWQLKRDKPVTVVQSIGTEVIGTLRPDYRDRIRLFENGSLLL SDLQLADEGTYEVEISITDDTFTGEKTINLTVDVPISRPQVLVASTTVLELSEAFTLNCSHENGTKPSYTWLKDGK PLLNDSRMLLSPDQKVLTITRVLMEDDDLYSCMVENPISQGRSLPVKITVYRRSSVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.