

Recombinant Full Length Human HEPACAM Protein, C-Flag-tagged

Cat. No. HEPACAM-169HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HEPACAM Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene is a single-pass type I membrane protein that localizes to the cytoplasmic side of the cell membrane. The encoded protein acts as a homodimer and is involved in cell motility and cell-matrix interactions. The expression of this gene is downregulated or undetectable in many cancer cell lines, so this may be a tumor suppressor gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	45.8 kDa
AA Sequence	MKRERGALSRRASRALRLAPFVYLLLIQTDPLEGVNITSPVRLIHGTVGKSALLSVQYS STSSDRPVVKWQ LKRDKPVTVVQSIGTEVIGTLRPDYRDRIRLFENGSLLLSDLQLA DEGTYEVEISITDDTFTGEKTINLT VDVPISRPQVLVASTTVLELSEFTLNCSHENG KPSYTWLKDGGKPLLND SRMLSPDQKVLITITRVLME DDDLYSCVVENPISQGRSLP VKITVYRRSSLYIILSTGGIFLLVTLVTVACACWKPSKRKQKKLEKQNSLE YMDQNDDR LKPEADTLPRSGEQERKNPMALYILKDKDSPETEENPAPEPR SATEPGPPGYSVSP AVPGRS PGLPIRSARRYPRSPARSPATGRTHSSPPRAPSSPGRSRSASRTLRTAG

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VHIIREQDEAGPVEISATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	HEPACAM hepatic and glial cell adhesion molecule [Homo sapiens (human)]
Official Symbol	HEPACAM
Synonyms	HEPN1; MLC2A; MLC2B; GlialCAM
Gene ID	220296
mRNA Refseq	NM_152722.5
Protein Refseq	NP_689935.2

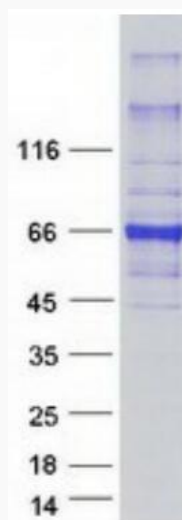
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MIM 611642

UniProt ID Q14CZ8



Coomassie blue staining of purified HEPACAM protein.

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