

# Recombinant Human HEPACAM Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** HEPACAM-366H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | HEPACAM MS Standard C13 and N15-labeled recombinant protein (NP_689935) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | 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. [provided by RefSeq, Jul 2011]                                                                               |
| <b>Molecular Mass</b>   | 45.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MKRERGALSRSRALRLAPFVYLLLIQTDPLEGVNITSPVRLIHGTVGKSALLSVQYS<br>STSSDRPVVKWQLKRDKPVTVVQSIGTEVIGTLRPDYRDRIRLFENGSLLLSDLQLAD<br>EGTYEVEISITDDTFTGEKTINLTVDPISRPQVLVASTTVLELSEAFTLNCSHENGTK<br>PSYTWLKDGGKPLLND SRMLLSPDQKVLITRVLMEDDDLVSCVVENPISQGRSLPVK<br>ITVYRRSSLYIILSTGGIFLLVTLVTVACWKP SKRKQKKLEKQNSLEYMDQNDRLK<br>PEADTLPRSGEQERKNPMALYILKDKDSPETEENPAPEPR SATEPGPPGYSVSPAV<br>PGRSPGLPIRSARRYPRSPARSPATGRTHSSPPRAPSSPGRSRSASRTLRTAGVHII<br>REQDEAGPVEISATRTRPLEQKLISEEDLAANDILDYKDDDDKV |

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|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Purity</b>         | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

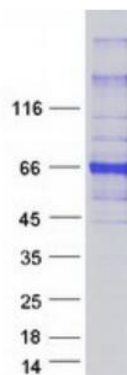
## GENE INFORMATION

|                        |                                                                                                                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HEPACAM hepatic and glial cell adhesion molecule [ Homo sapiens (human) ]                                                                                                                 |
| <b>Official Symbol</b> | HEPACAM                                                                                                                                                                                   |
| <b>Synonyms</b>        | HEPACAM; hepatic and glial cell adhesion molecule; hepatocyte cell adhesion molecule; FLJ25530; glial cell adhesion molecule; GLIALCAM; hepaCAM; protein hepaCAM; MLC2A; MLC2B; GlialCAM; |
| <b>Gene ID</b>         | 220296                                                                                                                                                                                    |
| <b>mRNA Refseq</b>     | NM_152722                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_689935                                                                                                                                                                                 |
| <b>MIM</b>             | 611642                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q14CZ8                                                                                                                                                                                    |

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**SDS-PAGE**

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