

Recombinant Human HEPACAM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HEPACAM2-1107H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HEPACAM2 MS Standard C13 and N15-labeled recombinant protein (NP_001034461) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein related to the immunoglobulin superfamily that plays a role in mitosis. Knockdown of this gene results in prometaphase arrest, abnormal nuclear morphology and apoptosis. Poly(ADP-ribosylation) of the encoded protein promotes its translocation to centrosomes, which may stimulate centrosome maturation. A chromosomal deletion including this gene may be associated with myeloid leukemia and myelodysplastic syndrome in human patients.
Molecular Mass	51.2 kDa
AA Sequence	MGQDAFMEPFGDTLGVFQCKIYLLLFACSGGLKVTVPSTVHGVRGQALYLPVHYG FHTPASDIQIIWLFERPHTMPKYLLGSVNKSVVPDLEYQHKFTMMPPNASLLINPLQF PDEGNYIVKVNIQGNGLSASQKIQVTVDPPVTKPVVQIHPPSGAVEYVGNMTLTCH VEGGTRLAYQWLKNGRPVHTSSTYSFSPQNNTLHIAPVTKEDIGNYSCLVRNPVSE MESDIIMPIIYYGPYGLQVNSDKGLKVGVEFTVDLGEAILFDCSADSHPPNTYSWIRR TDNTTYIIKHGPRLEVASEKVAQKTMDYVCCAYNNITGRQDETHFTVIITSVGLEKLA QKGKSLSPASITGISLFLISMCLLFLWKYQPYKVIKQKLEGRPETEYRKAQTFSGH

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

GENE INFORMATION

Gene Name	HEPACAM2 HEPACAM family member 2 [Homo sapiens (human)]
Official Symbol	HEPACAM2
Synonyms	HEPACAM2; HEPACAM family member 2; FLJ38683; mitotic kinetics regulator; MIK1;
Gene ID	253012
mRNA Refseq	NM_001039372
Protein Refseq	NP_001034461
MIM	614133
UniProt ID	A8MVW5

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SDS-PAGE

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