

Product datasheet for PH321826

HEPACAM2 (NM_001039372) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HEPACAM2 MS Standard C13 and N15-labeled recombinant protein (NP_001034461)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221826
Predicted MW:	51.2 kDa
Protein Sequence:	>RC221826 representing NM_001039372 Red =Cloning site Green =Tags(s)

MGQDAFMEPFGDTLGVFQCKIYLLLFAGACSLKVTVPSTVHGVGRQALYLPVHYGFHTPASDIQIIWLF
 ERPHTMPKYLLGSVNKSVVPDLEYQHKFTMPPNASLLINPLQFPDEGNYIVKVNIQNGTLSASQKIQV
 TVDDPVTKPVVQIHPPSGAVEYVGNMTLTCHVEGGTRLAYQWLKNGRPVHTSSTYSFSPQNNTLHIAPVT
 KEDIGNYSCLVRNPVSEMESDIIMPIIYGYGLQVNSDKGLKVGVEFTVDLGEAILFDCSADSHPPNTY
 SWIRRTDNTTYIIKHGPRLEVASEKVAQKTM DYVCCAYNNITGRQDETHFTVIITSVGLEKLAQKGKSL
 PLASITGISLFLIISMCLLFLWKYQPYKVIKQKLEGRPETEYRKAQTFSGHEDALDDFGIYEFVAFPDV
 SGVSRIPSRVSPASDCVSGQDLHSTVYEVIQHIPAQQQDHPE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001034461</u>
RefSeq Size:	2092
RefSeq ORF:	1386
Synonyms:	MIKI


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Locus ID: 253012

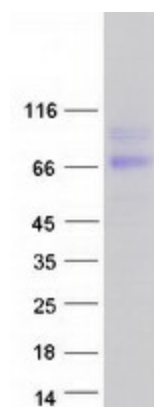
UniProt ID: [A8MWW5](#)

Cytogenetics: 7q21.2

Summary: 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. [provided by RefSeq, Oct 2016]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified HEPACAM2 protein (Cat# [TP321826]). The protein was produced from HEK293T cells transfected with HEPACAM2 cDNA clone (Cat# [RC221826]) using MegaTran 2.0 (Cat# [TT210002]).