

Recombinant Human HIC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HIC1-1409H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HIC1 MS Standard C13 and N15-labeled recombinant protein (NP_006488) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene functions as a growth regulatory and tumor repressor gene. Hypermethylation or deletion of the region of this gene have been associated with tumors and the contiguous-gene syndrome, Miller-Dieker syndrome. Alternative splicing of this gene results in multiple transcript variants.
Molecular Mass	74.3 kDa
AA Sequence	MLDTMEAPGHSRQLLLQLNNQRTKGFLCDVIIVVQNALFRAHKNVLAASSAYLKSLV VHDNLLNLDHDMVSPAVFRLVLDFIYTGRLADGAEEAAAAAVAPGAEPSLGAVLAAA SYLQIPDLVALCKKRLKRHGKYCHLRGGGGGGGGYAPYGRPGRGLRAATPVIQAC YPSPVGPPPPPAEPPSGPEAAVNTHCAELYASGPGPAAALCASERRCSPLCGLDL SKKSPPGSAAPERPLAERELPPRPDSPPSAGPAAYKEPPLALPSLPPLPFQKLEEEA PPSPDFRGGSGSPGPEPPGRPDGPSLLYRWMKHEPGLGSYGDELGRERGSPSER CEERGGDAAVSPGGPPLGLAPPPRYPGSLDGPAGGDGDDYKSSSEETGSSEDP SPPGGHLEGYPCHLAYGEPESFGDNLVYCIPCGKGFPSSEQLNAHVEAHVEEEEA LYGRAEAAEVAAGAAGLGPPFGGGGDKVAGAPGGLGELLRPYRCASCDKSYKDPA

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TLRQHEKTHWLTRPYPCTICGKKFTQRGTMTRHMRSHLGLKPFACDACGMRFTRQ
YRLTEHMRHISGEKPYECQVCGGKFAQQRNLIHMKMHAVGGAAGAAGALAGLGG
LPGVPGPDGKGKLDPEGVFAVARLTAEQLSLKQQDKAAAAELLAQTTHFLHDPKV
ALESLYPLAKFTAELGLSPDKAAEVLSQGAHLAAGPDGRTIDRFSPSGPTRTRRLE
QKLISEEDLAANDILDYKDDDDKV

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 [HIC1 hypermethylated in cancer 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [HIC1](#)

Synonyms HIC1; hypermethylated in cancer 1; hypermethylated in cancer 1 protein; ZBTB29; ZNF901; zinc finger and BTB domain-containing protein 29; hic-1;

Gene ID [3090](#)

mRNA Refseq [NM_006497](#)

Protein Refseq [NP_006488](#)

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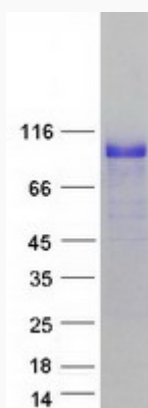
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MIM 603825

UniProt ID Q14526

SDS-PAGE



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