

Product datasheet for PH322752

HIC1 (NM_006497) Human Mass Spec Standard

Product data:

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| Product Type: | Mass Spec Standards |
| Description: | HIC1 MS Standard C13 and N15-labeled recombinant protein (NP_006488) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC222752 |
| Predicted MW: | 74.3 kDa |
| Protein Sequence: | >RC222752 representing NM_006497 Red =Cloning site Green =Tags(s) MLDTMEAPGHSRQLLLQLNNQRTKGFLCDVIIVVQNALFRAHKNVLAASSAYLKSLVVDNLLNLDHDMV SPAVFRLVLDFIYTGRLADGAEAAAAA VAPGAEP SLGAVLAAA SYLQIPDLVALCKRRLKRHGKYCHLR GGGGGGGYAPYGRPGRGLRAATPVIQACYPSPVGP PPPPAEPPSGPEAAVNTHCAEL YASGPGPAAAAL CASERRCSPLCGLDL SKKSPPGSAAPERPLAERELPPRPDSPPSAGPAAYKEPPLALPSLPPLPFQKLEE AAPPSPDFRGGSGSPGPEPPGRPDGPSLLYRWMKHEPGLSGYDELGRERGSP SERCEERGGDAAVSPGG PPLGLAPPPRYPGSLDGPAGGDDYKSSSEETGSSEDPSPGGHLEGYPCPHLAYGEPE SFGDNLVYC IPCGKGFPSSEQLNAHVEAHVEEEEL YGRAEAAEVAAGAAGLGPFGGGGDKVAGAPGGLGELLRPYRC ASCDKSYKDPATLRQHEKTHWL TRYPYCTICGKKFTQRGTMTRHMRSHLGLKPFACDAGMRFTRQYRLT EHMRIHSGEKPYECQVCGKFAQQRNLSHMKMHAVGGAAGAAGALAGLGGLPVPGPDGKGLDFPEGV FAVARLTAEQLSLKQQDKAAAELLAQTTHFLHDPKVALES LYPLAKFTAELGLSPDKAAEVL SQGAHLA AGPDGRTIDRFSP T SGP TRTRRLEQKLI SEEDLAANDILDYKDDDDKV |
| 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: | NP_006488 |

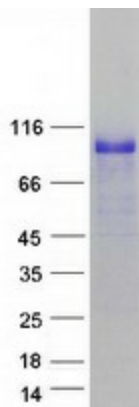


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| | |
|---------------|---|
| RefSeq Size: | 2626 |
| RefSeq ORF: | 2142 |
| Synonyms: | hic-1; ZBTB29; ZNF901 |
| Locus ID: | 3090 |
| UniProt ID: | Q14526 , A0PJI1 |
| Cytogenetics: | 17p13.3 |

Summary: 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. [provided by RefSeq, Sep 2010]

Product images:



Coomassie blue staining of purified HIC1 protein (Cat# [TP322752]). The protein was produced from HEK293T cells transfected with HIC1 cDNA clone (Cat# [RC222752]) using MegaTran 2.0 (Cat# [TT210002]).