Recombinant Human HIC1

Cat. No. HIC1-29312TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 627-705 of Human HIC1 with N terminal proprietary tag; Predicted MWt 34.32 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	79 amino acids
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 Weight	34.320kDa inclusive of tags
Tissue specificity	Ubiquitously expressed with highest levels found in lung, colon, prostate, thymus, testis and ovary. Expression is absent or decreased in many tumor cells.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	PEGVFAVARLTAEQLSLKQQDKAAAAELLAQTTHFLHDPKVALESLYPLAKFTAELGL SPDKAAEVLSQGAHLAAGPDG
Sequence Similarities	Belongs to the krueppel C2H2-type zinc-finger protein family. Hic subfamily.Contains 1 BTB (POZ) domain.Contains 5 C2H2-type zinc fingers.

GENE INFORMATION

Gene Name	HIC1 hypermethylated in cancer 1 [Homo sapiens]
Official Symbol	HIC1
Synonyms	HIC1; hypermethylated in cancer 1; hypermethylated in cancer 1 protein; ZBTB29; ZNF901;
Gene ID	3090
mRNA Refseq	NM_001098202
Protein Refseq	NP_001091672
MIM	603825
Uniprot ID	Q14526
Chromosome Location	17p13.3
Pathway	Direct p53 effectors, organism-specific biosystem; E2F transcription factor network,

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	organism-specific biosystem;
Function	DNA binding; histone deacetylase binding; metal ion binding; protein binding; sequence-specific DNA binding;

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