Recombinant Human HCFC1

Cat. No. HCFC1-29188TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Host Cell Factor C1 with N-terminal proprietary tag. Predicted MW 35.20 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	87 amino acids
Description	This gene is a member of the host cell factor family and encodes a protein with five Kelch repeats, a fibronectin-like motif, and six HCF repeats, each of which contains a highly specific cleavage signal. This nuclear coactivator is proteolytically cleaved at one of the six possible sites, resulting in the creation of an N-terminal chain and the corresponding C-terminal chain. The final form of this protein consists of noncovalently bound N- and C-terminal chains. The protein is involved in control of the cell cycle and transcriptional regulation during herpes simplex virus infection. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized.
Molecular Weight	35.200kDa inclusive of tags
Tissue specificity	Highly expressed in fetal tissues and the adult kidney. Present in all tissues tested.
Form	Liquid

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Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.79% Tris HCl, 0.3% Glutathione
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	KSPISVPGGSALISNLGKVMSVVQTKPVQTSAVTGQASTGPVTQIIQTKGPLPAGTIL KLVTSADGKPTTIITTTQASGAGTKPTIL
Sequence Similarities	Contains 5 Kelch repeats.

GENE INFORMATION

Gene Name	HCFC1 host cell factor C1 (VP16-accessory protein) [Homo sapiens]
Official Symbol	HCFC1
Synonyms	HCFC1; host cell factor C1 (VP16-accessory protein); HFC1; host cell factor 1; CFF; HCF 1; HCF1; MGC70925; VCAF;
Gene ID	3054
mRNA Refseq	NM_005334
Protein Refseq	NP_005325
MIM	300019
Uniprot ID	P51610

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Chromosome Location	Xq28
Pathway	Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Mitochondrial Gene Expression, organism-specific biosystem;
Function	chromatin binding; identical protein binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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