# Recombinant Human HCFC1, GST-tagged

**Cat. No.** HCFC1-13692H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human HCFC1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-350a.a. |
| **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. |
| **Storage** | The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100,15%glycerol. |

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## GENE INFORMATION

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| **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; HCF; C1 factor; VP16 accessory protein; HCF-1; |
| **Gene ID** | 3054 |
| **mRNA Refseq** | NM_005334 |
| **Protein Refseq** | NP_005325 |
| **MIM** | 300019 |
| **UniProt ID** | P51610 |
| **Chromosome Location** | Xq28 |
| **Pathway** | Herpes simplex infection, organism-specific biosystem; Herpes simplex infection, conserved biosystem; Mitochondrial Gene Expression, organism-specific biosystem; |
| **Function** | chromatin binding; contributes_to histone acetyltransferase activity (H4-K16 specific); contributes_to histone acetyltransferase activity (H4-K5 specific); contributes_to histone acetyltransferase activity (H4-K8 specific); identical protein binding; prot |

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