# Recombinant Human HCFC2 Protein, His-tagged

**Cat. No.** HCFC2-2233H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human HCFC2 Protein (Phe677-Lys787) with a N-His tag was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | Phe677-Lys787 |
| **Description** | This gene encodes one of two proteins which interact with VP16, a herpes simplex virus protein that initiates virus infection. Both the encoded protein and the original Herpes host cell factor interact with VP16 through a beta-propeller domain. The original Herpes host cell factor, however, is effective at initiating viral infection while the encoded protein is not. Transcripts of varying length due to alternative polyadenylation signals have been described. |
| **Form** | Freeze-dried powder |
| **Molecular Mass** | Predicted Molecular Mass: 15.9 kDa<br>Accurate Molecular Mass: 16 kDa |
| **Endotoxin** | <1.0 EU per 1μg (determined by the LAL method). |
| **Purity** | > 90% |

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| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |
| **Stability** | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| **Storage Buffer** | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **Reconstitution** | Reconstitute in PBS or others. |

## GENE INFORMATION

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| **Gene Name** | HCFC2 host cell factor C2 [ Homo sapiens (human) ] |
| **Official Symbol** | HCFC2 |
| **Synonyms** | HCFC2; host cell factor C2; host cell factor 2; HCF 2; C2 factor; HCF2; HCF-2; FLJ94012; |
| **Gene ID** | 29915 |
| **mRNA Refseq** | NM_013320 |
| **Protein Refseq** | NP_037452 |
| **MIM** | 607926 |

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| **UniProt ID** | Q9Y5Z7 |

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