

Recombinant Human HCFC1 Protein (Asn52-His258), His tagged

Cat. No. HCFC1-3353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HCFC1 (Asn52-His258) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Asn52-His258
Description	Involved in control of the cell cycle. Also antagonizes transactivation by ZBTB17 and GABP2; represses ZBTB17 activation of the p15 (INK4b) promoter and inhibits its ability to recruit p300. Coactivator for EGR2 and GABP2. Tethers the chromatin modifying Set1/Ash2 histone H3' Lys-4' methyltransferase (H3K4me) and Sin3 histone deacetylase (HDAC) complexes (involved in the activation and repression of transcription, respectively) together. Component of a THAP1/THAP3-HCFC1-OGT complex that is required for the regulation of the transcriptional activity of RRM1. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. Recruits KMT2E/MLL5 to E2F1 responsive promoters promoting transcriptional activation and thereby facilitates G1 to S phase transition
Molecular Mass	24.11 kDa
Purity	>90 % as determined by SDS-PAGE.

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Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	HCFC1 host cell factor C1 (VP16-accessory protein) [Homo sapiens (human)]
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

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