Recombinant Full Length Human CHFR Protein, GST-tagged

Cat. No. CHFR-3191HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHFR full-length ORF (AAH12072.1, 1 a.a. - 652 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	652 amino acids
Description	This gene encodes an E3 ubiquitin-protein ligase required for the maintenance of the antephase checkpoint that regulates cell cycle entry into mitosis and, therefore, may play a key role in cell cycle progression and tumorigenesis. The encoded protein has an N-terminal forkhead-associated domain, a central RING-finger domain, and a cysteine-rich C-terminal region. Alternatively spliced transcript variants that encode different protein isoforms have been described. [provided by RefSeq, Mar 2014]
Molecular Mass	97.46 kDa
AA Sequence	MERPEEGKQSPPPQPWGRLLRLGAEEGEPHVLLRKREWTIGRRRGCDLSFPSNKL VSGDHCRIVVDEKSGQVTLEDTSTSGTVINKLKVVKKQTCPLQTGDVIYLVYRKNEP EHNVAYLYESLSEKQGMTQESFDTSGAGAGRGADPRVPPSSPATQVCFEEPQPST STSDLFPTASASSTEPSPAGRERSSSCGSGGGGISPKGSGPSVASDEVSSFASALP DRKTASFSSLEPQDQEDLEPVKKKMRGDGDLDLNGQLLVAQPRRNAQTVHEDVRA AAGKPDKMEETLTCIICQDLLHDCVSLQPCMHTFCAACYSGWMERSSLCPTCRCPV ERICKNHILNNLVEAYLIQHPDKSRSEEDVQSMDARNKITQDMLQPKVRRSFSDEEG

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	SSEDLLELSDVDSESSDISQPYVVCRQCPEYRRQAAQPPHCPAPEGEPGAPQALG DAPSTSVSLTTAVQDYVCPLQGSHALCTCCFQPMPDRRVEREQDPRVAPQQCAVC LQPFCHLYWGCTRTGCYGCLAPFCELNLGDKCLDGVLNNNSYESDILKNYLATRGL TWKNMLTESLVALQRGVFLLSDYRVTGDTVLCYCCGLRSFRELTYQYRQNIPASELP VAVTSRPDCYWGRNCRTQVKAHHAMKFNHICEQTRFKN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CHFR checkpoint with forkhead and ring finger domains [Homo sapiens]
Official Symbol	CHFR
Synonyms	CHFR; checkpoint with forkhead and ring finger domains;
Gene ID	55743
mRNA Refseq	NM_001161344
Protein Refseq	NP_001154816
MIM	605209

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UniProt ID	Q96EP1

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