

Recombinant Human CHTF8 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHTF8-3727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHTF8 MS Standard C13 and N15-labeled recombinant protein (NP_001035236) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a short protein that forms part of the Ctf18 replication factor C (RFC) complex that occurs in both yeast and mammals. The heteroheptameric RFC complex plays a role in sister chromatid cohesion and may load the replication clamp PCNA (proliferating cell nuclear antigen) onto DNA during DNA replication and repair. This gene is ubiquitously expressed and has been shown to have reduced expression in renal and prostate tumors. Alternatively spliced transcript variants have been described. This gene has a pseudogene on chromosome X.
Molecular Mass	13.3 kDa
AA Sequence	MVQIVISSARAGGLAEWVLMELQGEIARYSTGLAGNLLGDLHYTTEGIPVLIVGHHIL YGKIIHLEKPFVAVLVKHTPGDQDCDELGRETGTRYLVTAIKDKILFKTRPKPIITSVPK KVTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CHTF8 chromosome transmission fidelity factor 8 [Homo sapiens (human)]

Official Symbol CHTF8

Synonyms CHTF8; chromosome transmission fidelity factor 8; CTF8; DERP8; chromosome transmission fidelity protein 8 homolog; CTF8, chromosome transmission fidelity factor 8 homolog; decreased expression in renal and prostate cancer protein

Gene ID 54921

mRNA Refseq NM_001040146

Protein Refseq NP_001035236

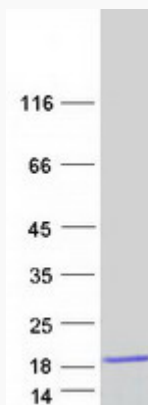
MIM 613202

UniProt ID P0CG13

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SDS-PAGE

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