OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for PH322566

CHTF8 (NM_001039690) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CHTF8 MS Standard C13 and N15-labeled recombinant protein (NP_001034779)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222566
Predicted MW:	13.3 kDa
Protein Sequence:	>RC222566 protein sequence Red=Cloning site Green=Tags(s) MVQIVISSARAGGLAEWVLMELQGEIEARYSTGLAGNLLGDLHYTTEGIPVLIVGHHILYGKIIHLEKPF AVLVKHTPGDQDCDELGRETGTRYLVTALIKDKILFKTRPKPIITSVPKKV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001034779
RefSeq Size:	2934
RefSeq ORF:	363
Synonyms:	CTF8; DERPC
Locus ID:	54921
UniProt ID:	P0CG13
Cytogenetics:	16q22.1

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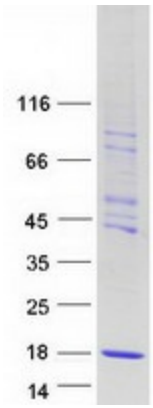
Summary: This gene encodes a short protein that forms part of the Ctf18 replication factor C (RFC) complex that occurs in both yeast and mammals. The heteroheptameric RFC complex plays a role in sister chromatid cohesion and may load the replication clamp PCNA (proliferating cell nuclear antigen) onto 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. [provided by RefSeq, Oct 2018]

Product images:



Coomassie blue staining of purified CHTF8 protein (Cat# [TP322566]). The protein was produced from HEK293T cells transfected with CHTF8 cDNA clone (Cat# [RC222566]) using MegaTran 2.0 (Cat# [TT210002]).