

Product datasheet for SC324161

CHTF18 (NM_022092) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CHTF18 (NM_022092) Human Untagged Clone
Tag:	Tag Free
Symbol:	CHTF18
Synonyms:	C16orf41; C321D2.2; C321D2.3; C321D2.4; CHL12; Ctf18; RUVBL
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_022092.1

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CGGGAGGTTTCGGAGCGGGAGCTCGGGCTCGCGGACGGTATGGAGGACTACGAGCAGGAGC
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TCCAATTCCCGCCGACTCTGCCCTCGAGGCTGGTGCAGCGGCTCCAGGAGGTCTCCCTGC
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ACATCCGGGCTGCATCAACACCTGCAGTTCTGTACAGCCGGGGCCAGCGGGAGCTGA
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TGTAaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa

Restriction Sites:	ECORI-NOT
ACCN:	NM_022092
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_022092.1, NP_071375.1</u>

RefSeq Size: 3098 bp

RefSeq ORF: 2928 bp

Locus ID: 63922

UniProt ID: [Q8WVB6](#)

Cytogenetics: 16p13.3

Gene Summary: This gene encodes a protein which is a component of a replication factor C (RFC) complex, which loads proliferating cell nuclear antigen (PCNA) on to DNA during the S phase of cell cycle. The encoded protein may interact with other proteins, including RFC complex 3, to form a clamp loader complex that plays a role in sister chromatid cohesion during metaphase-anaphase transition. [provided by RefSeq, Jan 2016]