

Product datasheet for PH302858

OriGene Technologies, Inc.

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p60 CAF1 (CHAF1B) (NM 005441) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: CHAF1B MS Standard C13 and N15-labeled recombinant protein (NP_005432)

Species: Human **HEK293 Expression Host:** RC202858

Expression cDNA Clone

or AA Sequence: Predicted MW:

61.5 kDa

>RC202858 protein sequence **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MKVITCEIAWHNKEPVYSLDFQHGTAGRIHRLASAGVDTNVRIWKVEKGPDGKAIVEFLSNLARHTKAVN VVRFSPTGEILASGGDDAVILLWKVNDNKEPEQIAFQDEDEAQLNKENWTVVKTLRGHLEDVYDICWATD GNLMASASVDNTAIIWDVSKGQKISIFNEHKSYVQGVTWDPLGQYVATLSCDRVLRVYSIQKKRVAFNVS KMLSGIGAEGEARSYRMFHDDSMKSFFRRLSFTPDGSLLLTPAGCVESGENVMNTTYVFSRKNLKRPIAH LPCPGKATLAVRCCPVYFELRPVVETGVELMSLPYRLVFAVASEDSVLLYDTQQSFPFGYVSNIHYHTLS DISWSSDGAFLAISSTDGYCSFVTFEKDELGIPLKEKPVLNMRTPDTAKKTKSQTHRGSSPGPRPVEGTP ASRTQDPSSPGTTPPQARQAPAPTVIRDPPSITPAVKSPLPGPSEEKTLQPSSQNTKAHPSRRVTLNTLQ AWSKTTPRRINLTPLKTDTPPSSVPTSVISTPSTEEIQSETPGDAQGSPPELKRPRLDENKGGTESLDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

C-Myc/DDK Tag:

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

>0.05 µg/µL as determined by microplate BCA method **Concentration:**

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

Store at -80°C. Avoid repeated freeze-thaw cycles. Storage:

Stable for 3 months from receipt of products under proper storage and handling conditions. Stability:

RefSeq: NP 005432

RefSeq Size: 2297 RefSeq ORF: 1677



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Synonyms: CAF-1; CAF-IP60; CAF1; CAF1A; CAF1P60; MPHOSPH7; MPP7

Locus ID: 8208
UniProt ID: Q13112

Cytogenetics: 21q22.12-q22.13

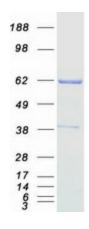
Summary: Chromatin assembly factor I (CAF-I) is required for the assembly of histone octamers onto

newly-replicated DNA. CAF-I is composed of three protein subunits, p50, p60, and p150. The protein encoded by this gene corresponds to the p60 subunit and is required for chromatin assembly after replication. The encoded protein is differentially phosphorylated in a cell cycle-dependent manner. In addition, it is normally found in the nucleus except during mitosis, when it is released into the cytoplasm. This protein is a member of the WD-repeat HIR1 family

and may also be involved in DNA repair. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified CHAF1B protein (Cat# [TP302858]). The protein was produced from HEK293T cells transfected with CHAF1B cDNA clone (Cat# [RC202858]) using MegaTran 2.0 (Cat# [TT210002]).