

Recombinant human CCDC104 protein

Catalog Number: ATGP2367

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-342aa

UniProt No.

Q96G28

NCBI Accession No.

NP_542398

Alternative Names

Coiled-coil domain-containing protein 104, coiled-coil domain containing 104, MGC15407, uNQ163/PRO189, OTTHuMP00000159693

PRODUCT SPECIFICATION

Molecular Weight

41.8 kDa (365aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

CCDC104 (coiled-coil domain-containing protein 104) is a 342 amino acid protein that exists as two alternatively spliced isoforms. CCDC104 undergoes post-translational phosphorylation following DNA damage, most likely by either ATR or ATM. Recombinant human CCDC104 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Recombinant human **CCDC104** protein

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Amino acid Sequence

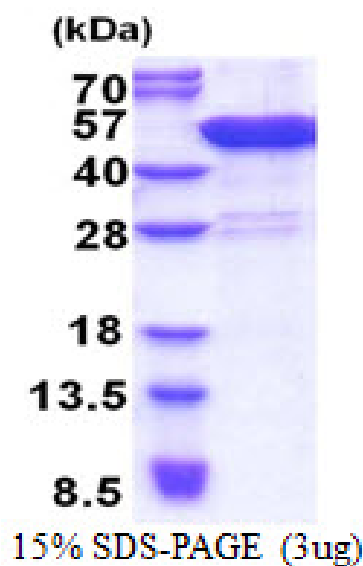
MGSSHHHHHH SSGLVPRGSH MGSMAAEEED EVEWVVESIA GFLRGPDWSI PILDFVEQKC EVFDDEEESK LTYTEIHQEY
KELVEKLLEG YLKEIGINED QFQEACTSPL AKTHTSQAIL QPVLAEDFT IFKAMMVQKN IEMQLQAIRI IQERNGVLPD
CLTDGSDVVS DLEHEEMKIL REVLRSKKEE YDQEEERKRK KQLSEAKTEE PTVHSSEAAI MNNSQGDGEH FAHPPSEVKM
HFANQSIEPL GRKVERSETS SLPQKDLKIP GLEHASIEGP IANLSVLGTE ELRQREHYLK QKRDKLMSMR KDMRTKQIQN
MEQKGKPTGE VEEMTEKPEM TAEKQTLK RLLAELKE EVINK

General References

Zumsteg u., et al. (2000) J Med Genet. 37:E8.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.