

CCDC104, 1-342aa, Human, His tag, E.coli

Cat.NO.: TP01444

3th Edition

Synonyms: Coiled-coil domain-containing protein 104, coiled-coil domain containing 104, MGC15407, UNQ163/PRO189, OTTHUMP00000159693

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.

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

Molecular Weight: 41.8 kDa (365aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMASMAAEEEEDEVEWVVEVSIAGFLRGPDWSIPILDFVEQKCEVFDDEEESKLTYTE
IHQEYKELVEKLLEGYLKEIGINEDQFQEAQTSPLAKTHTSQAILQPVLAEDFTIFKAMMVQKNIEMQLQAIRIIQERN
GVLPDCLTDGSDVVSDLEHEEMKILREVLRSKEEYDQEEERKRKKQLSEAKTEEPTVHSSEAAIMNNSQGDGEHF
AHPPSEVKMHFANQSIEPLGRKVERSETSSLPQKDLKIPGLEHASIEGPANLSVLGTEELRQREHYLKQKRDKLMS
MRKDMRTKQIQNMEQKGKPTGEVEEMTEKPEMTAEEKQTLLKRLLAEKLKEEVINK

Purity: > 95% by HPLC

Concentration: 1mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.