

**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:**

MGSSHHHHHSSGLVPRGSHMGSMASMAAEEEEDEVEWVVESIAGFLRGPDWSIPILDFVEQKCEVFDDEEESKLTYTE  
IHQEYKELVEKLLLEGYLKEIGINEDQFQEAQTSPLAKTHTSQAILQPVLAEDFTIFKAMMVQKNIEMQLQAIRIIQERN  
GVLDPCLTDGSDVVSDLEHEEMKILREVLRSKEEYDQEEERKRKKQLSEAKTEEPTVHSSEAAIMNNSQGDGEHF  
AHPPSEVKMHFANQSIEPLGRKVERSETSSLPQKDLKIPGLEHASIEGPIANLSVLGTEELRQREHYLKQKRDKLMS  
MRKDMRTKQIQNMEQKKGKPTGEVEEMTEKPEMTAEEKQTLLKRLLAEKLKEEVINK

**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.