Product Data Sheet

Product Name:	CCDC104 Human
Cat. No.:	GP22987
Batch No.:	1

Product Data

Purity	>98%	Source	Escherichia Coli.
Phycical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Coiled-Coil Domain Containing 104; Coiled-CoilDomain-Protein104; CCDC104.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAAEEED EVEWVVESIA GFLRGPDWSI PILDFVEQKC EVFDDEEESKLTYTEIHQEY KELVEKLLEG YLKEIGINED QFQEACTSPL AKTHTSQAIL QPVLAAEDFT IFKAMMVQKNIEMQLQAIRI IQERNGVLPD CLTDGSDVVS DLEHEEMKIL REVLRKSKEE YDQEEERKRK KQLSEAKTEE PTVHSSEAAI MNNSQGDGEHFAHPPSEVKM HFANQSIEPL GRKVERSETS SLPQKDLKIP GLEHASIEGP IANLSVLGTE ELRQREHYLKQKRDKLMSMR KDMRTKQIQN MEQKGKPTGE VEEMTEKPEM TAEEKQTLLK RRLLAEKLKE EVINK		
Formulation	CCDC104 protein solution (1mg/ml) containing 20mMTris-HCl buffer (pH 8.0) and 10% glycerol.		

Introduction

CCDC104 also known as coiled-coil domain-containing protein 104 is a 342amino acid protein that exists as two alternatively spliced isoforms. CCDC104undergoes post-translational phosphorylation following DNA damage, most likelyby either ATR or ATM. Among the diseases associated with CCDC104 are pancreaticcancer, and pancreatitis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Background

CCDC104 Human Recombinant produced in E.Coli is a single, non-glycosylated

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polypeptide chain containing 365 amino acids (1-342 a.a) and having a molecular mass of 41.8kDa.

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