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**Product Data Sheet**


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Product Name: CCDC90B Human  
 Cat. No.: GP22985  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	MDS011; MDS025; CUA003; Coiled-coil domain-containing protein 90B mitochondrial; CCDC90B.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MSGYDRRPV DITPLEQRKL TFDTHALVQD LETHGFDKTQ AETIVSALTA LSNVSLDTIY KEMVTQAQQE ITVQQLMAHL DAIRKDMVIL EKSEFANLRA ENEKMKIELD QVKQQLMHET SRIRADNKLD INLERSRVTD MFTDQEKQLM ETTTEFTKKD TQTKSISET SNKIDAEIAS LKTLMESNKL E.		
Formulation	CCDC90B protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

**Introduction**

Coiled-Coil Domain Containing 90B (CCDC90B) is a member of the CCDC90 family. The CCDC90B protein is distinguished by the presence of a domain of unknown function, DUF1640. The DUF1640 domain is a characteristic of the entire protein with excluding of the first 23 amino acid residues which are a mitochondrial targeting site and the cleaved CCDC90B is expected to be a mitochondrial protein with no transmembrane spans or segments. CCDC90B is predicted to contain at least 3 specific phosphorylation sites.

**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**

CCDC90B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 211 amino acids (43-230 a.a) and having a molecular mass

**Caution: Product has not been fully validated for medical applications. For research use only.**

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of 24.1kDa.CCDC90B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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