

Recombinant human CCDC90B protein

Catalog Number: ATGP2120

PRODUCT INFORMATION

Expression system

E.coli

Domain

43-230aa

UniProt No.

Q9GZT6

NCBI Accession No.

NP_068597

Alternative Names

Coiled-coil domain-containing protein 90B, MDS011, MDS025

PRODUCT SPECIFICATION

Molecular Weight

24.1 kDa (211aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

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

CCDC90B belongs to the CCDC90 family. This protein is characterized by the presence of a domain of unknown function, DuF1640. This domain is a characteristic of the entire protein with the exception of the first twenty-three amino acid residues which are a mitochondrial targeting site and cleaved CCDC90B is predicted to be a mitochondrial protein with no transmembrane spans or segments. It is predicted to contain at least three specific phosphorylation sites. Recombinant human CCDC90B protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

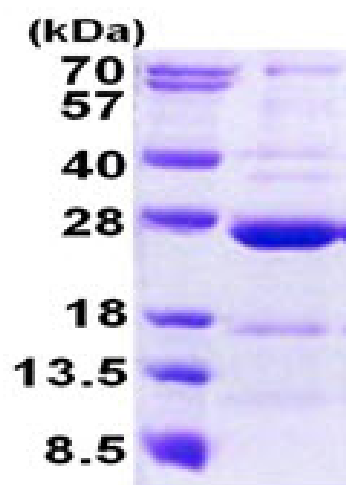
MGSSHHHHHH SSGLVPRGSH MGSGYDRRPV DITPLEQRKL TFDTHALVQD LETHGFDKTQ AETIVSALTA LSNVSLDTIY
KEMVTQAQQE ITVQQLMAHL DAIRKDMVIL EKSEFANLRA ENEKMKIELD QVKQQLMHET SRIRADNKLD INLERSRVTD
MFTDQEKQLM ETTTEFTKKD TQTKSISET SNKIDAEIAS LKTLMESNKL E

General References

Hendrickson, S.L., et al. (2010) PLoS ONE 5 (9), E12862
Matsuoka, S., et al. (2007) Science 316 (5828), 1160-1166

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)