

Recombinant human CCDC23/SVBP protein

Catalog Number: ATGP2893

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-66aa

UniProt No.

Q8N300

NCBI Accession No.

NP_955374

Alternative Names

Small vasohibin binding protein, Coiled-coil domain containing 23, MGC45441

PRODUCT SPECIFICATION

Molecular Weight

10.5 kDa (91aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% 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

CCDC23 (coiled-coil domain containing 23) is a 66 amino acid protein encoded by a gene mapping to human chromosome 1. Chromosome 1 is the largest human chromosome spanning about 260 million base pairs and making up 8% of the human genome. There are about 3,000 genes on chromosome 1, and considering the great number of genes there are also a large number of diseases associated with chromosome 1. Diseases associated with CCDC23 include endotheliitis. Recombinant human CCDC23 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSEFMDPPA RKEKTKVKES VSRVEKAKQK SAQQLKQRQ RAEIYALNRV MTELEQQQFD
EFCKMQPPG E

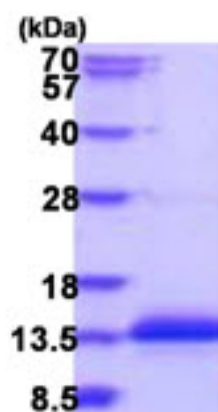
General References

Watson, M.L. et al. (1990) J.Exp. Med. 172: 263-272.

Blackwood, D.H. et al. (2001) Am. J. Hum.Genet.. 69: 428-433.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)