

Recombinant human CCDC101/SGF29 protein

Catalog Number: ATGP1462

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-293aa

UniProt No.

Q96ES7

NCBI Accession No.

NP_612423

Alternative Names

Coiled-coil domain containing 101, SGF29, STAF36

PRODUCT SPECIFICATION

Molecular Weight

35.4 kDa (313aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl

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

Coiled-coil domain containing 101 (CCDC101), also known as SGF29, has been identified as a subunit of the SAGA (Spt-Ada-Gcn5 acetyltransferase) histone acetyltransferase complex in *Saccharomyces cerevisiae*, which is conserved from yeast to humans. Recombinant human CCDC101 protein, fused to His-tag at N-terminus, was expressed in *E. coli* and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHHH SSGLVPRGSH MALVSADSRI AELLTELHQL IKQTQEERSR SEHNLVNIQK THERMQTENK ISPPYRTKLR

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GLYTTAKADA EAECNLRKA LDKIAEIKSL LEERRIAAKI AGLYNDSEPP RKTMRRGVLM TLLQQSAMTL PLWIGKPGDK
PPPLCGAIPA SGDYVARPGD KVAARVKA VD GDEQWILAEV VSYSHATNKY EVDDIDEEGK ERHTLSRRRV IPLPQWKANP
ETDPEALFQK EQLVLALYPQ TTCFYRALIH APPQRPQDDY SVLFEDTSYA DGYSPLNVA QRYVVACKEP KKK

General References

Bian C., et al. (2011) EMBO J. 30(14):2829-42

Lij., et al. (2010) Acta Crystallogr Sect F Struct Biol Cryst Commun. 66:902-4.

DATA

SDS-PAGE

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

