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### Recombinant human CCDC101/SGF29 protein

Catalog Number: ATGP1462

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-293aa

#### **UniProt No.**

096ES7

#### **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**

MGSSHHHHHH SSGLVPRGSH MALVSADSRI AELLTELHOL IKOTOEERSR SEHNLVNIOK THERMOTENK ISPYYRTKLR



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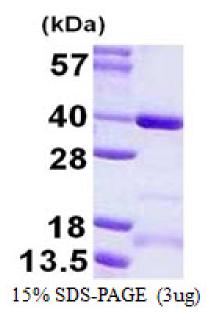
GLYTTAKADA EAECNILRKA LDKIAEIKSL LEERRIAAKI AGLYNDSEPP RKTMRRGVLM TLLQQSAMTL PLWIGKPGDK PPPLCGAIPA SGDYVARPGD KVAARVKAVD GDEQWILAEV VSYSHATNKY EVDDIDEEGK ERHTLSRRRV IPLPQWKANP ETDPEALFQK EQLVLALYPQ TTCFYRALIH APPQRPQDDY SVLFEDTSYA DGYSPPLNVA QRYVVACKEP KKK

#### **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.

