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Recombinant human KCTD4 protein

Catalog Number: ATGP2422

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-259aa

UniProt No.

O8WVF5

NCBI Accession No.

NP 940686

Alternative Names

BTB/POZ domain-containing protein KCTD4, BTB/POZ domain-containing protein KCTD4, bA321C24.3, potassium channel tetramerisation domain containing 4

PRODUCT SPECIFICATION

Molecular Weight

32.4 kDa (282aa) 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, 40% glycerol, 1mM DTT

Purity

> 85% 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

KCTD4 has an N-terminal homodimerization domain that contains multiple copies of kelch repeats and/or C2H2-type zinc fingers. Proteins that contain BTB domains are thought to be involved in transcriptional regulation via control of chromatin structure and function. KCTD4 is a 259 amino acid protein that contains one BTB domain, suggesting a possible role as a transcriptional regulator. Recombinant human KCTD4 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

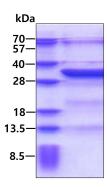
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General References

Kimura, K., et al. (2006) Genome Res. 16 (1), 55-65

DATA

SDS-PAGE



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

