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Recombinant human MED4 protein

Catalog Number: ATGP0552

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-270aa

UniProt No.

Q9NPJ6

NCBI Accession No.

AAH05189

Alternative Names

Mediator complex subunit 4, ARC36, DRIP36, VDRIP, Mediator complex subunit 4 Activator-recruited cofactor 36 kDa component, HSPC126, Mediator of RNA polymerase II transcription subunit 4, TRAP/SMCC/PC2 subunit p36 subunit, Vitamin D3 receptor-interacting protein complex 36 kDa component.

PRODUCT SPECIFICATION

Molecular Weight

30.7 kDa (278aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT, 100mM NaCl

Purity

> 80% 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

Mediator complex subunit 4 (MED4) is also known as mediator of RNA polymerase II transcription subunit 4 or vitamin D3 receptor-interacting protein complex 36 kDa component (DRIP36). This protein is a component of the vitamin D receptor-interacting protein (DRIP) complex which functions as a nuclear receptor coactivator. The DRIP complex is capable of activating nuclear receptors in a ligand-dependent manner. Recombinant human



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MED4, fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

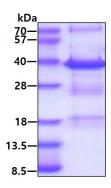
MAASSSGEKE KERLGGGLGV AGGNSTRERL LSALEDLEVL SRELIEMLAI SRNQKLLQAG EENQVLELLI HRDGEFQELM KLALNQGKIH HEMQVLEKEV EKRDGDIQQL QKQLKEAEQI LATAVYQAKE KLKSIEKARK GAISSEEIIK YAHRISASNA VCAPLTWVPG DPRRPYPTDL EMRSGLLGQM NNPSTNGVNG HLPGDALAAG RLPDVLAPQY PWQSNDMSMN MLPPNHSSDF LLEPPGHNKE DEDDVEIMST DSSSSSSESD <LEHHHHHHH>

General References

Rachez C., et al. (1999) Nature 398 (6730): 824-8. Panierakis C., et al. (2009) Int J Infect Dis.13 (6):e437-43.

DATA

SDS-PAGE



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

