

Recombinant human TAF9 protein

Catalog Number: ATGP0898

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-172aa

UniProt No.

Q9Y3D8

NCBI Accession No.

NP_057367

Alternative Names

Adenylate kinase isoenzyme 6, AD-004, AK6, CGI-137, CINAP, CIP, hCINAP, MGC1603, MGC3647, MGC5067

PRODUCT SPECIFICATION

Molecular Weight

22.2 kDa (192aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% 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

TAF9, also known as TATA box binding protein (TBP) -associated factor, is a general transcription factor that facilitates the preinitiation complex assembly through direct interactions with the TATA promoter element. It is a multisubunit complex consisting of a small TATA-binding polypeptide and other TBP-associated factors (TAFs). It acts as a channel for regulatory signals. Recombinant human TAF9 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 SSSLVPRGSH MLLPNILLTG TPGVGKTTLG KELASKGLK YINVGLARE EQLYDGYDEE YDCPILDEDL
VVDELNDQMR EGGVIVDYHG CDFPERWFH IVFVLRDTN VLYERLETRG YNEKCLTDNI QCEIFQVLYE EATASYKEE
VHQLPSNKPE ELENNVDQIL KWIEQWIKDH NS

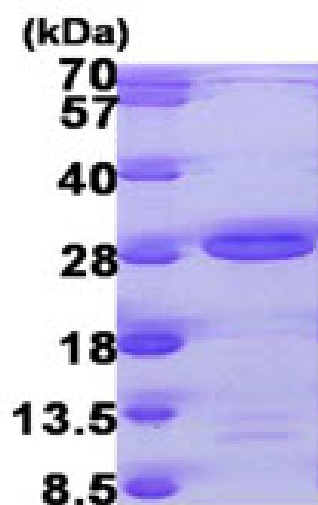
General References

Matsui T, et al. (1980), J. Biol. Chem., 255: 11992-11996.

Dynlacht B.D., et al. (1991). Cell. 66:563-576.

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)