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# **Recombinant human TAF9 protein**

Catalog Number: ATGP0898

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-172aa

#### **UniProt No.**

09Y3D8

#### **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**

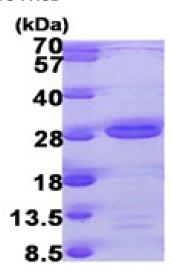
MGSSHHHHHH SSGLVPRGSH MLLPNILLTG TPGVGKTTLG KELASKSGLK YINVGDLARE EQLYDGYDEE YDCPILDEDR VVDELDNQMR EGGVIVDYHG CDFFPERWFH IVFVLRTDTN VLYERLETRG YNEKKLTDNI QCEIFQVLYE EATASYKEEI VHQLPSNKPE ELENNVDQIL KWIEQWIKDH NS

#### **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**



15% SDS-PAGE (3ug)

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

