

**TAF9, 1-172aa, Human, His tag, E.coli**

**Cat.NO.: TP04137**

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3th Edition

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

**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.

**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT

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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMLLPNILLTGTGPGVGKTTLGKELASKSGLKYINVGDLAREEQLYDGYDEEYDCPIL  
DEDRVVDELDNQMREGGVIVDYHGCDFFPERWFHIVFVLRDTDNVLYERLETRGYNEKKLTDNIQCEIFQVLYEEAT  
ASYKEEIVHQLPSNKPEELENVVDQILKWIEQWIKDHNS

**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.