
Product Data Sheet

Product Name: TAF9 Human
 Cat. No.: GP22277
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TAF9 RNA polymerase II TATA box binding protein (TBP)-associated factor 32kDa; TAFII32; AK6; CINAP; TAFII31; TAF2G; CGI-137; MGC1603; MGC3647; MGC5067; TAFIID32; Coilin-interacting nuclear ATPase protein; Transcription initiation factor TFIID 31/32 kDa subunit; STAF31/32; ATP-AMP transphosphorylase 6; h RNA polymerase II TBP-associated factor subunit G; CINAP; AD-004; CIP; adenylate kinase isoenzyme 6; adrenal gland protein AD-004; coilin interacting protein; MGC:1603; MGC:3647; MGC:5067; EC 2.7.4.3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MLLPNILLTG TPGVGKTTLG KELASKGLK YINVGDLARE EQLYDGYDEE YDCPILDEDR VVDELNDQMR EGGVIVDYHG CDFPERWFH IVFVLRDTN VLYERLETRG YNEKKLTDNI QCEIFQVLYE EATASYKEEI VHQLPSNKPE ELENNVDQIL KWIEQWIKDH NS		
Formulation	TAF9 Human solution (0.5mg/1ml) containing 20mM Tris HCL pH-8, 1mM DTT and 10% glycerol.		

Introduction

TAF9 is a universal transcription factor which enables the preinitiation complex assembly by direct interactions with the TATA promoter element. TAF9 is a multisubunit complex consisting of a small TATA-binding polypeptide and other TBP-associated factors (TAFs) and performs as a channel for regulatory signals.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Caution: Product has not been fully validated for medical applications. For research use only.

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Background

TAF9 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 192 amino acids (1-172.a.a) and having a molecular mass of 22.2kDa. TAF9 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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