
Product Data Sheet

Product Name: TAF10 Human
 Cat. No.: GP22278
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	TAF10 RNA Polymerase II TATA Box Binding Protein (TBP)-Associated Factor 30kDa; Transcription Initiation Factor TFIID 30 KDa Subunit; STAF28; TAF2A; TAF2H.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSGAAPPEG AISNGVYVLP SAANGDVKPV VSSTPLVDFL MQLEDYTPTI PDAVTGYLNLN RAGFEASDPR IIRLISLAAQ KFI SDIANDA LQHCKMKGTA SGSSRSKSKD RKYTLTMEDL TPALSEYGIN VKKPHYFT		
Formulation	The TAF10 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 1mM DTT and 20% glycerol.		

Introduction

TAF10 is a small subunit of TFIID which is related to a subdivision of TFIID complexes. Studies with human and mammalian cells verified that this subunit is mandatory for transcriptional activation by the estrogen receptor, for progression through the cell cycle, and is essential for several cellular differentiation programs.

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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TAF10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 158 amino acids (84-218) and having a molecular mass of 16.9kDa. TAF10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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

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