

Datasheet for 009-001-T71S**TAF1 (N-term) protein-GST fusion****Overview**

Description:	TAF1 (N-term) recombinant protein-GST fusion protein - 009-001-T71S
Item No.:	009-001-T71S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	TAF1 is a DNA-binding protein complex required for RNA polymerase II-mediated transcription of many, if not all, protein-encoding genes in eukaryotic cells. TAF1 plays a key role in the initiation process, since it binds to the TATA element to form a complex that nucleates the assembly of the other components into a preinitiation complex and that may be stable through multiple rounds of transcription. TAF1 may be targeted to specific chromatin-bound promoters and may play a key role in chromatin recognition (1). TAF1 also serves to link the control of transcription to the cell cycle (2). TAF1 Protein is ideal for investigators involved in Signaling Proteins, Cellular Proteins, Cell Cycle, and Invasion/Metastasis research.
Synonyms:	BA2R, CCG1, CCGS, DYT3, DYT3/TAF1, KAT4, N-TAF1, NSCL2, OF, P250, TAF2A, Transcription initiation factor TFIID subunit 1
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	TAF1
Purity/Specificity:	Recombinant human TAF1 (1-561) was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Relevant Links:	NCBI - NM_138923

Application Details

Application Note:	TAF1 Protein is stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. TAF1 Protein is suitable for use in Western Blot. Expect a band approximately ~130kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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