

Recombinant Human TAF1A

Cat. No. TAF1A-2448H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TAF1A was produced in E. coli.
Species	Human
Source	E.coli
Description	I2PP2A(β), also termed TAF-1, inhibits protein phosphatase 2A (PP2A) potently with $k_i \sim 0.1 - 0.5$ nM with myelin basic protein, histone H1 and other substrates but not with casein. It stimulates PP1 and regulates histone binding to DNA, transcriptional activity and chromatin condensation.
Purity	> 90% by SDS-PAGE, apparent Mr ~ 41-kDa.
Supplied	250 ng in 50 μ l 50 mM Tris-HCl pH 7.0 buffer containing 14 mM β -mercaptoethanol, 1 mM benzamidine, 0.1 mM phenylmethanesulfonyl fluoride, 1 mM EDTA and 0.1% Brij-35 and 10% glycerol.
Storage	Maintain preparations in aliquots at -70 °C. Avoid repeated thawing.

GENE INFORMATION

Gene Name	TAF1A TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa [Homo sapiens]
Synonyms	TAF1A; TATA box binding protein (TBP)-associated factor, RNA polymerase I, A,

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48kDa; SL1; RAFI48; TAFI48; MGC:17061; TATA box-binding protein-associated factor RNA polymerase I subunit A; SL1, 48kD subunit; TBP-associated factor 1A; transcription factor SL1; TATA box-binding protein-associated factor 1A; transcription initiation factor SL1/TIF-IB subunit A; RNA polymerase I-specific TBP-associated factor 48 kDa; MGC:17061; OTTHUMP00000035654

Gene ID	9015
mRNA Refseq	NM_005681
Protein Refseq	NP_005672
MIM	604903
UniProt ID	Q15573
Chromosome Location	1q42
Pathway	Transcription
Function	DNA binding; RNA polymerase I transcription factor activity; general RNA polymerase II transcription factor activity; protein binding