

Recombinant human TAF15, His-tagged

Cat. No. TAF15-2466H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TAF15 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	148-406 aa
Description	TAF15 is a member of the TET family of RNA-binding proteins. The encoded protein plays a role in RNA polymerase II gene transcription as a component of a distinct subset of multi-subunit transcription initiation factor TFIID complexes. Translocations involving this gene play a role in acute leukemia and extraskeletal myxoid chondrosarcoma, and mutations in this gene may play a role in amyotrophic lateral sclerosis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.
Molecular Mass	30kDa (282aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSSYHSQRE NYSHHTQDDR RDVSRYGEDN RGYGGSQGGG RGRGGYDKDG RGPMTGSSGG DRGGFKNFEGGHRDYGPRTDA DSESDNSDNN TIFVQGLGEG VSTDQVGEFF KQIGIIKTNK KTGKPMINLY

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TDKDTGKPKG EATVSFDDPP SAKAAIDWFD GKEFHGNIK VSFATRRPEF
MRGGGSGGGR RGRGGYRGRG GFQGRGGDPK SGDWWCPNPS CGNMNFARRN
SCNQCNEPRP EDSRPSGGDFRGRGYGGERG YR

Purity >90% by SDS - PAGE

Applications SDS-PAGE

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

Concentration 0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name TAF15 TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa [Homo sapiens]

Official Symbol TAF15

Synonyms TAF15; TAF15 RNA polymerase II, TATA box binding protein (TBP)-associated factor, 68kDa; TAF2N, TATA box binding protein (TBP) associated factor, RNA polymerase II, N, 68kD (RNA binding protein 56); TATA-binding protein-associated factor 2N; hTAFII68; Npl3; RBP56; TAF(II)68; RBP56/CSMF fusion; TBP-associated factor 15; 68 kDa TATA-binding protein-associated factor; TATA box-binding protein-associated factor 2N (RNA-binding protein 56); TATA box binding protein (TBP)-associated factor, RNA polymerase II, N, 68kD (RNA-binding protein 56); TAF2N; TAFII68;

Gene ID 8148

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mRNA Refseq	NM_003487
Protein Refseq	NP_003478
MIM	601574
UniProt ID	Q92804
Chromosome Location	17q11.1-q11.2
Pathway	Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	DNA binding; RNA binding; metal ion binding; nucleotide binding; protein binding; zinc ion binding;

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