

## Recombinant human TAF15, His-tagged

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

### SPECIFICATION

|                         |   |
|-------------------------|---|
| <b>Product Overview</b> | Recombinant human TAF15 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| <b>Species</b>          | Human   |
| <b>Source</b>           | E.coli  |
| <b>ProteinLength</b>    | 148-406 aa  |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.  |
| <b>Molecular Mass</b>   | 30kDa (282aa), confirmed by MALDI-TOF   |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSSYHSQRE NYSHHTQDDR RDVSRYGEDN<br>RGYGGSQGGG RGRGGYDKDG RGPMTGSSGG DRGGFKNFGGHRDYGPRTDA<br>DSESDNSDNN TIFVQQLGEG VSTDQVGEFF KQIGIIKTNK KTGKPMINLY   |

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TDKDTGKPKG EATVSFDDPP SAKAAIDWFD GKEFHGNIK VSFATRRPEF  
 MRGGGSGGGR RGRGGYRGRG GFQGRGGDPK SGDWWCPNPS CGNMNFARRN  
 SCNQCNEPRP EDSRPSGGDFRGRGYGGGERG 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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| <b>mRNA Refseq</b>         | NM_003487   |
| <b>Protein Refseq</b>      | NP_003478   |
| <b>MIM</b>                 | 601574  |
| <b>UniProt ID</b>          | Q92804  |
| <b>Chromosome Location</b> | 17q11.1-q11.2   |
| <b>Pathway</b>             | Basal transcription factors, organism-specific biosystem; Basal transcription factors, conserved biosystem; Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem; |
| <b>Function</b>            | DNA binding; RNA binding; metal ion binding; nucleotide binding; protein binding; zinc ion binding;   |

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