

## Recombinant Human TAF1A, His-tagged

**Cat. No.** TAF1A-3102H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TAF1A protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                |
| <b>ProteinLength</b>    | C-term-356aa                                                                                                                                                          |
| <b>Storage</b>          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                             |
| <b>Storage Buffer</b>   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol. |

### GENE INFORMATION

|                        |                                                                                                                                                                                                                                               |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TAF1A TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa [ Homo sapiens ]                                                                                                                                           |
| <b>Official Symbol</b> | TAF1A                                                                                                                                                                                                                                         |
| <b>Synonyms</b>        | TAF1A; TATA box binding protein (TBP)-associated factor, RNA polymerase I, A, 48kDa; TATA box binding protein (TBP) associated factor, RNA polymerase I, A, 48kD; TATA box-binding protein-associated factor RNA polymerase I subunit A; SL1; |

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|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                            | TAFI48; 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; RAFI48; MGC:17061;  |
| <b>Gene ID</b>             | 9015                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>         | NM_001201536                                                                                                                                                                                                                                                    |
| <b>Protein Refseq</b>      | NP_001188465                                                                                                                                                                                                                                                    |
| <b>MIM</b>                 | 604903                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>          | Q15573                                                                                                                                                                                                                                                          |
| <b>Chromosome Location</b> | 1q42                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Gene Expression, organism-specific biosystem; RNA Polymerase I Chain Elongation, organism-specific biosystem; RNA Polymerase I Promoter Clearance, organism-specific biosystem; RNA Polymerase I Promoter Escape, organism-specific biosystem; RNA Polymerase I |
| <b>Function</b>            | DNA binding;                                                                                                                                                                                                                                                    |