

## Product datasheet for **TP322661L**

### TFIIS (TCEA2) (NM\_003195) Human Recombinant Protein

#### Product data:

|                                       |  |
|---------------------------------------|--|
| Product Type:                         | Recombinant Proteins   |
| Description:                          | Recombinant protein of human transcription elongation factor A (SII), 2 (TCEA2), transcript variant 1, 1 mg  |
| Species:                              | Human  |
| Expression Host:                      | HEK293T  |
| Expression cDNA Clone or AA Sequence: | >RC222661 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)   |
|                                       | MMGKEEEIARIARRLDKMVTKKSAEGAMDLLRELKAMPITLHLLQSTRVGM SVNALRKQSSDEEVIALAK<br>SLIKSWKKLLDASDAKARERGRGMPLPTSSRDASEAPDPSRKRPELPRAPSTPRITTFPPVPVTCDAVRN<br>KCREMLTAALQTDHDHVAIGADCERLSAQIEECIFRDVGNTDMKYKNRVRSRISNLKDAKNPDLRRNVLC<br>GAITPQQIAVMTSEEMASDELKEIRKAMTKEAIREHQMARTGGTQDLFTCGKCRKKNCTYTQVQTRSSD<br>EPMITTFVVCNECGNRWKFC |
|                                       | <b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV  |
| Tag:                                  | C-Myc/DDK  |
| Predicted MW:                         | 33.4 kDa   |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method   |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining  |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol   |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.   |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.   |
| Storage:                              | Store at -80°C.  |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  |
| RefSeq:                               | <u><a href="#">NP_003186</a></u>   |
| Locus ID:                             | 6919   |



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UniProt ID: [Q15560](#), [Q6IB64](#)

RefSeq Size: 1749

Cytogenetics: 20q13.33

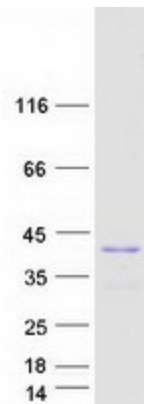
RefSeq ORF: 897

Synonyms: TFIIS

**Summary:** The protein encoded by this gene is found in the nucleus, where it functions as an SII class transcription elongation factor. Elongation factors in this class are responsible for releasing RNA polymerase II ternary complexes from transcriptional arrest at template-encoded arresting sites. The encoded protein has been shown to interact with general transcription factor IIB, a basal transcription factor. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified TCEA2 protein (Cat# [TP322661]). The protein was produced from HEK293T cells transfected with TCEA2 cDNA clone (Cat# [RC222661]) using MegaTran 2.0 (Cat# [TT210002]).