

## Product datasheet for **TP308347M**

### TFIISH (TCEA3) (NM\_003196) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human transcription elongation factor A (SII), 3 (TCEA3), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC208347 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MGQEEELLRIAKKLEKMVARKNTEGALDLLKKLHSCQMSIQLLQTRIGVAVNGVRKHCS DKEVSLAKV  
LIKNNWKRLLDSPGPPKGEKGEEREKAKKKKEKGLECSDWKPEAGLSPPRKKREDPKTRRDSVDSKSSASS  
PKRPSVERSNSSKSKAESP KTPSSPLTPTFASSMCLLAPCYLTGDSVRDKCVEMLSAALKADDDYKDYGV  
NCDKMASEIEDHIYQELKSTDMKYRNRVRSRISNLKDP RNPGLRRNVLSGAISAGLIAKMTAEEMASDEL  
REL RNAMTQEAIREHQMAKTGGTTDLFQCSKCKKKNCTYNQVQTRSADEPMTTFVLCNECGNRWKFC

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 38.8 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:** [NP\\_003187](#)

**Locus ID:** 6920



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UniProt ID: [O75764](#), [B4DUM4](#)

RefSeq Size: 1586

Cytogenetics: 1p36.12

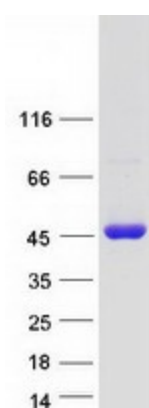
RefSeq ORF: 1044

Synonyms: TFIIS; TFIIS.H

**Summary:** Necessary for efficient RNA polymerase II transcription elongation past template-encoded arresting sites. The arresting sites in DNA have the property of trapping a certain fraction of elongating RNA polymerases that pass through, resulting in locked ternary complexes. Cleavage of the nascent transcript by S-II allows the resumption of elongation from the new 3'-terminus.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified TCEA3 protein (Cat# [TP308347]). The protein was produced from HEK293T cells transfected with TCEA3 cDNA clone (Cat# [RC208347]) using MegaTran 2.0 (Cat# [TT210002]).