

Product datasheet for **TP308347**

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), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208347 protein sequence Red =Cloning site Green =Tags(s)
	<p>MGQEEELLRIAKKLEKMVARKNTEGALDLLKKLHSCQMSIQLLQTRIGVAVNGVRKHCSDEKESLAKV LIKNNWKRLLDSPGPPKGEKGEEREKAKKKKEKGLECSDWKPEAGLSPPRKKREDPKTRRDSVDSKSSASS PKRPSVERSNSSKSKAESPSTPSSPLTPTFASSMCLLAPCYLTGDSVRDKCVEMLSAALKADDDYKDYGV NCDKMASEIEDHIYQELKSTDMKYRNRVRSRISNLKDPNPGLRRNVLSGAISAGLIAKMTAEEMASDEL RELNAMTQEAIREHQMAKTGGTTDLFQCSKCKKNCTYNQVQTRSADEPMTTFVLCNECGNRWKFC</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_003187</u>
Locus ID:	6920



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

RefSeq Size: 1586

Cytogenetics: 1p36.12

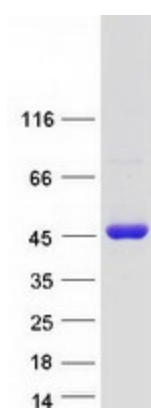
RefSeq ORF: 1044

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]).