

Product datasheet for PH308347

TFIISH (TCEA3) (NM_003196) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TCEA3 MS Standard C13 and N15-labeled recombinant protein (NP_003187)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208347
Predicted MW:	39 kDa
Protein Sequence:	>RC208347 protein sequence Red=Cloning site Green=Tags(s) MGQEEELLRIAKKLEKMKVARKNTEGALDLLKHLHSCQMSIQLLQTRIGVAVNGVRKHCSDKEVSLAKV L IKNWKRLLDSPGPPKGEKGEEREKAKKKEKGLECSDWKPEAGLSPPRKKREDPKTRRDSVDSKSSASS PKRPSVERSNSKSKAESPKTPSSPLTPTFASSMCLLAPCYLTGDSVRDKCVEMLSAALKADDDYKDYGV NCDKMASEIEDHIYQELKSTDMKYRNRVRSRISNLK DPRNPGLRRNVLSGAI SAGLIAKMTAEEMASDEL REL RNAMTQEAIREHQMAKTGGTTDLFQCSKCKKKNCTYNQVQTRSADEPMTTFVLCNECGNRWKFC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003187
RefSeq Size:	1586
RefSeq ORF:	1044
Synonyms:	TFIIS; TFIIS.H
Locus ID:	6920



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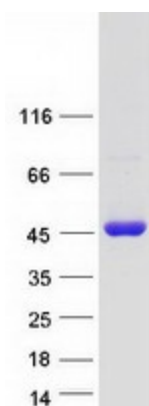
UniProt ID: [O75764](#), [B4DUM4](#)

Cytogenetics: 1p36.12

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]).