

## Product datasheet for PH322661

### TFIIS (TCEA2) (NM\_003195) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TCEA2 MS Standard C13 and N15-labeled recombinant protein (NP_003186)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222661
Predicted MW:	33.6 kDa
Protein Sequence:	>RC222661 protein sequence Red=Cloning site Green=Tags(s)

MMGKEEEIARIARRLDKMTKSAEGAMDLLRELKAMPITLHLLQSTRVGMSVNALRKQSSDEEVIALAK  
SLIKSWKLLDASDAKARERGRGMPLPTSSRDASEAPDPSRKRPELPRAPSTPRITTFPPVPVTCDAVRN  
KCREMLTAALQTDHDHVAIGADCERLSAQIEECIFRDVGNMDMKYKNRVSRSISNLKDAKNPDLRRNVLC  
GAI TPQQI AVMTSEEMASDELKEIRKAMTKEAIREHQMARTGGTQTDLFTCGKCRKKNCTYTQVQTRSSD  
EPMTTFVVCNECGNRWKFC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<u><a href="#">NP_003186</a></u>
RefSeq Size:	1749
RefSeq ORF:	897
Synonyms:	TFIIS
Locus ID:	6919



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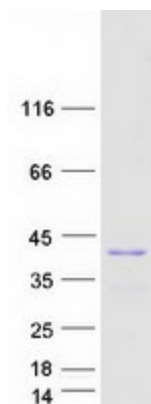
UniProt ID: [Q15560](#), [Q6IB64](#)

Cytogenetics: 20q13.33

**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]).