

Recombinant Human TCEA2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TCEA2-2743H Lot. No. (See product label)

SPECIFICATION

Product Overview

TCEA2 MS Standard C13 and N15-labeled recombinant protein (NP_003186) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

33.6 kDa

AA Sequence

MMGKEEEIARIARRLDKMVTKKSAEGAMDLLRELKAMPITLHLLQSTRVGMSVNALR
KQSSDEEVIALAKSLIKSWKKLLDASDAKARERGRGMPLPTSSRDASEAPDPSRKRKRP
ELPRAPSTPRITTFPPVPVTCDAVRNKCREMLTAAALQTDHHDVAIGADCERLSAQIEE
CIFRDVGNTDMKYKNRVRSRISNLKDAKNPDLRRNVLCGAIPTQQIAVMTSEEMASD
ELKEIRKAMTKEAIREHQMARTGGTQTDLFTCGKCRKKNCTYTVQVQTRSSDEPMTT
FVVCNECGNRWKFCTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

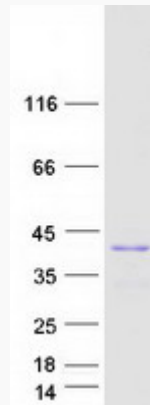
Gene Name	TCEA2 transcription elongation factor A2 [Homo sapiens (human)]
Official Symbol	TCEA2
Synonyms	TCEA2; transcription elongation factor A (SII), 2; transcription elongation factor A protein 2; TFIS; testis-specific S-II; transcription elongation factor TFIS.1; transcription elongation factor TFIS.I; transcription elongation factor S-II protein 2;
Gene ID	6919
mRNA Refseq	NM_003195
Protein Refseq	NP_003186
MIM	604784
UniProt ID	Q15560

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SDS-PAGE



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