

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

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | TCEA2 MS Standard C13 and N15-labeled recombinant protein (NP_003186) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 33.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MMGKEEEIARIARRLDKMVTKKSAEGAMDLLRELKAMPITLHLLQSTRVGMSVNALR<br>KQSSDEEVIALAKSLIKSWKKLLDASDAKARERGRGMPLPTSSRDASEAPDPSRKRP<br>ELPRAPSTPRITTFPPVPVTCDAVRNKCREMLTAALQTDHHDHVAIGADCERLSAQIEE<br>CIFRDVGNTDMKYKNRVRSRISNLKDAKNPDLRRNVLCGAITPQQIAVMTSEEMASD<br>ELKEIRKAMTKEAIREHQMARTGGTQTDLFTCGKCRKKNCTYTQVQTRSSDEPMTT<br>FVVCNECGNRWKFCRTRTRPLEQKLISEEDLAANDILDYKDDDDKV                                                                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                              |

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

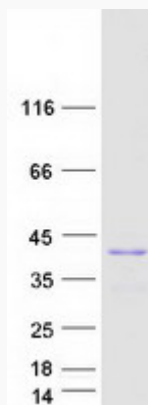
## GENE INFORMATION

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

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**SDS-PAGE**

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