

# Recombinant Human TCEA1

**Cat. No.** TCEA1-30067TH    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant full length Human TCEA1 with N terminal proprietary tag; Predicted MWt 59.18 kDa.                           |
| <b>Species</b>                  | Human                                                                                                                   |
| <b>Source</b>                   | Wheat Germ                                                                                                              |
| <b>ProteinLength</b>            | 301 amino acids                                                                                                         |
| <b>Description</b>              | Transcription elongation factor A protein 1 is a protein that in humans is encoded by the TCEA1 gene.                   |
| <b>Molecular Weight</b>         | 59.180kDa inclusive of tags                                                                                             |
| <b>Form</b>                     | Liquid                                                                                                                  |
| <b>Purity</b>                   | Proprietary Purification                                                                                                |
| <b>Storage buffer</b>           | pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl                                                                 |
| <b>Storage</b>                  | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                               |
| <b>Sequences of amino acids</b> | MEDEVVRFakkMDKMVQKKNAAGALDLLKELKNIPMTLEL LQSTRIGMSVNAIRKQ<br>STDEEVTSlaKSLIKSWKKLLDGP STEKDLDEKKKEPAITSQNSPEAREESTSSGNV |

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SNRKDET NARDTYVSSFPRAPSTSDSVRLKCREMLAAALRTGDDYIA IGADEEELG  
SQIEEAIYQEIRNTDMKYKNRVRSRISNLKD AKNPNLRKNVLCGNIPDLFARMTAEE  
MASDELKEMRKNL TKEAIREHQMAKTGGTQTDLFTCGKCKKKNCTYTQVQTRS AD  
EPMITFVVCNECGNRWKFC

**Sequence** Belongs to the TFS-II family.Contains 1 TFIS central domain.Contains 1 TFIS N-  
**Similarities** terminal domain.Contains 1 TFIS-type zinc finger.

## GENE INFORMATION

**Gene Name** TCEA1 transcription elongation factor A (SII), 1 [ Homo sapiens ]

**Official Symbol** TCEA1

**Synonyms** TCEA1; transcription elongation factor A (SII), 1; GTF2S, TCEA; transcription elongation factor A protein 1; SII; TF2S; TFIS;

**Gene ID** 6917

**mRNA Refseq** NM\_006756

**Protein Refseq** NP\_006747

**MIM** 601425

**Uniprot ID** P23193

**Chromosome Location** 8q11.2

**Pathway** DNA Repair, organism-specific biosystem; Dual incision reaction in TC-NER,

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organism-specific biosystem; Formation and Maturation of mRNA Transcript, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem;

**Function**

DNA binding; metal ion binding; translation elongation factor activity; zinc ion binding;

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