

Recombinant Human TCEA2, His-tagged

Cat. No. TCEA2-7621H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TCEA2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-299aa
Description	TCEA2 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 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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.25M NaCl
Molecular Mass	36kDa (322aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGKEEE IARIARRLDK MVTKSAEGA MDLLRELKAM PITLHLLQST RVGMSVNALR KQSSDEEVIA LAKSLIKSWK KLLDASDAKA RERGRGMPLP TSSRDASEAP DPSRKRPPELP RAPSTPRITT FPPVPVTCDA VRNKCAREMLT AALQTDHHDV AIGADCERLS AQIEECIFRD

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

VGNTDMKYKN RVRSRISNLK DAKNPDLRRN VLCGAITPQQ IAVMTSEEMA
SDELKEIRKA MTKEAIREHQ MARTGGTQTD LFTCGKCRKK NCTYTQVQTR
SSDEPMTTFV VCNECGNRWK FC

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml?

GENE INFORMATION

Gene Name TCEA2 transcription elongation factor A (SII), 2 [Homo sapiens]

Official Symbol TCEA2

Synonyms 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;

Gene ID 6919

mRNA Refseq NM_003195

Protein Refseq NP_003186

MIM 604784

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UniProt ID	Q15560
Chromosome Location	20q13.33
Function	DNA binding; metal ion binding; protein binding; translation elongation factor activity; zinc ion binding;

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