

Recombinant Full Length Human TCEA3 Protein

Cat. No. TCEA3-520HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TFIISH with a N terminal proprietary tag; Predicted MWt 64.39 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	348 amino acids
Description	<p>The nucleotide excision repair pathway is a mechanism to repair damage to DNA. The protein encoded by this gene is involved in transcription-coupled nucleotide excision repair and is an integral member of the basal transcription factor BTF2/TFIIH complex. The gene product has ATP-dependent DNA helicase activity and belongs to the RAD3/XPD subfamily of helicases. Defects in this gene can result in three different disorders, the cancer-prone syndrome xeroderma pigmentosum complementation group D, trichothiodystrophy, and Cockayne syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p>
Form	Liquid
Molecular Mass	64.390kDa inclusive of tags
AA Sequence	MGQEEELLRIAKKLEKMKVARKNTEGALDLLKHLHSCQMSI QLLQTTRIGVAVNGVRK HCSDKEVVSLAKVLIKNWKRLLD SPGPPKGEKGEEREKAKKKEKGLECSDWKPEA

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GLSPPRKK REDPKTRRDSVDSKSSASSSPKRPSVERSNSSKSKAESP K TPSSPLT
 PTFASSMCLLAPCYLTGDSVRDKCVEMLSAALK ADDDYKDYGVNCDKMASEIEDHI
 YQELKSTDMKYRNRVRS RISNLKDPRNPGLRRNVLSGAISAGLIAKMTAEEMASDE
 L RELRNAMTQEAIREHQMAKTGGTTTDLFQCSKCKKKNCTY NQVQTRSADEPMTT
 FVLCNECGNRWKFC

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name TCEA3 transcription elongation factor A (SII), 3 [Homo sapiens]

Official Symbol TCEA3

Synonyms TCEA3; transcription elongation factor A (SII), 3; transcription elongation factor A protein 3; TFIIIS.H

Gene ID 6920

mRNA Refseq NM_003196

Protein Refseq NP_003187

MIM 604128

UniProt ID O75764

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