

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	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.
Form	Liquid
Molecular Mass	64.390kDa inclusive of tags
AA Sequence	MGQEEELLRIAKKLEKMVARKNTEGALDLLKKLHSCQMSI QLLQTTRIGVAVNGVRK HCSDKEVVSLAKVLIKNWKRLLD SPGPPKGEKGEEREKAKKKEKGLECSDWKPEA

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GLSPPRKK REDPKTRRDSVDSKSSASSSPKRPSVERSNSSKSKAESPK TPSSPLT
PTFASSMCLLAPCYLTGDSVRDKCVELLSAALK ADDDYKDYGVNCDKMASEIEDHI
YQELKSTDMKYRNRVRS RISNLKDPRNPGLRRNVLSGAISAGLIAKMTAEEMASDE
L RELRNAMTQEAIREHQMAKTGGTTTDLFQCSKCKKKKNCTY 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; TFIIS.H

Gene ID 6920

mRNA Refseq NM_003196

Protein Refseq NP_003187

MIM 604128

UniProt ID O75764

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