

Recombinant Full Length Human GTF2H5 Protein, GST-tagged

Cat. No. GTF2H5-3398HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GTF2H5 full-length ORF (NP_997001.1, 1 a.a. - 71 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	71 amino acids
Description	This gene encodes a subunit of transcription/repair factor TFIIH, which functions in gene transcription and DNA repair. This protein stimulates ERCC3/XPB ATPase activity to trigger DNA opening during DNA repair, and is implicated in regulating cellular levels of TFIIH. Mutations in this gene result in trichothiodystrophy, complementation group A. [provided by RefSeq, Mar 2009]
Molecular Mass	34.5 kDa
AA Sequence	MVNVLKGVLIIECDPAMKQFLLYLDESNALGKKFIIQDIDDTHVFVIAELVNVLQERVGE LMDQNAFSLTQK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GTF2H5 general transcription factor IIH subunit 5 [Homo sapiens (human)]
Official Symbol	GTF2H5
Synonyms	GTF2H5; general transcription factor IIH subunit 5; TTD; TFB5; TTD3; TTDA; TFIIH; TTD-A; TGF2H5; C6orf175; bA120J8.2; general transcription factor IIH subunit 5; TFB5 ortholog; TFIIH basal transcription factor complex TTD-A subunit; TFIIH basal transcription factor complex TTDA subunit; general transcription factor IIH, polypeptide 5; General Transcription Factor IIH Subunit 5; TFIIH Basal Transcription Factor Complex TTD-A Subunit; General Transcription Factor IIH, Polypeptide 5; TFB5 Ortholog; TFIIH Basal Transcription Factor Complex TTDA Subunit; DNA Repair Syndrome Trichothiodystrophy Group A; General Transcription Factor IIH Polypeptide 5; Chromosome 6 Open Reading Frame 175
Gene ID	404672
mRNA Refseq	NM_207118
Protein Refseq	NP_997001
MIM	608780
UniProt ID	Q6ZYL4

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