

Product information

GTF2H5, 1-71aa

Human, His-tagged, Recombinant, *E.coli*

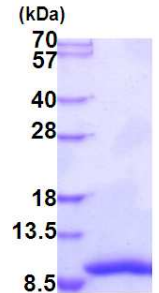
Cat. No. ATGP2882

Full name: General transcription factor IIH subunit 5

NCBI Accession No.: NP_997001

Synonyms: bA120J8.2, C6orf175, TFB5, TFIIH, TGF2H5, TTD, TTD-A, TTDA

Description: GTF2H5 is 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. Recombinant human GTF2H5 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol</p> <p>Molecular Weight: 10.4 kDa (94aa) confirmed by MALDI-TOF</p> <p>Purity: > 95 % by SDS - PAGE</p> <p>Concentration: 1.0 mg/ml (determined by Bradford assay)</p>	 <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSMVNVLKG</u> VLIECDPAMK QFLLYLDESN ALGKKFIIQD IDDTHVFVIA ELVNVLQERV GELMDQNAFS LTQK</p>	

General references:

Giglia-Mari G., *et al.* (2004) *Nat. Genet.* 36:714-719

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles

Warning

For research use only. This product is not intended or approved for human, diagnostics or veterinary use

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