

**GTF2H5, 1-71aa Human, His tag, E.coli**

**Cat.NO.: TP02371**

3th Edition

**Synonyms:**General transcription factor IIH subunit 5, 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.

**Form:**Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol

**Molecular Weight:**10.4 kDa (94aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMVNVLKGVLECDPAMKQFLLYLDESNALGKKFIIQDIDDTHVFVIAELVNVLQ  
ERVGELMDQNAFSLTQK

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**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.