

AR51702PU-N

Human GTF2H5 (1-71, His-tag) - Purified

Alternate names:

C6orf175, General transcription factor IIH polypeptide 5, General transcription factor IIH subunit 5, TFB5 ortholog, TFIIH basal transcription factor complex TTD-A subunit, TTDA

Quantity:

0.5 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q6ZYL4](#)

NCBI:

[NP_997001](#)

GeneID:

[404672](#)

Species:

Human

Source:

E. coli

Format:

Purity: >95% by SDS - PAGE

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

Description:

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

AA Sequence:

MGSSHHHHH SSGLVPRGSH MGSMVNLKG VLIECDPAMK QFLLYLDESN ALGKKFIIQD
IDDTHVFVIA ELVNVLQERV GELMDQNAFS LTQK

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

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

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

Pictures:



15% SDS-PAGE (3ug)