

32-3892: GTF2H5 Recombinant Protein

Alternative Name : General transcription factor IIH subunit 5, bA120J8.2, C6orf175, TFB5, TFIIH, TGF2H5, TTD, TTD-A, TTDA, TFIIH basal transcription factor complex TTD-A subunit, TFB5 ortholog.

Description

Source : Escherichia Coli. GTF2H5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 94 amino acids (1-71 a.a) and having a molecular mass of 10.4kDa. GTF2H5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. General Transcription Factor IIH Polypeptide 5 (GTF2H5) is a subunit of transcription/repair factor TFIIH, which serves in gene transcription and DNA repair. GTF2H5 protein stimulates ERCC3/XPB ATPase activity which triggers DNA opening during DNA repair, and is involved in the regulation of cellular levels of TFIIH. GTF2H5 gene mutations result in trichothiodystrophy, complementation group A.

Product Info

Amount : 20 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : GTF2H5 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMVNVLKG VLIECDPAMK QFLLYLDESN ALGKKFIIQD IDDTHVFVIA ELVNVLQERV GELMDQNAFS LTQK.