9051 Mira Mesa Blvd, #910094
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GTF2H5 Human

General Transcription Factor IIH Polypeptide 5 Human Recombinant
RCP0979

Product Overview

Name	GTF2H5 Human

Description

General Transcription Factor IIH Polypeptide 5 Human Recombinant

Accession (Primary)	Q6ZYL4

Synonyms

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.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

GTF2H5 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4) and 10% glycerol.

Stability

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MVNVLKG VLIECDPAMK QFLLYLDESN ALGKKFIIQD IDDTHVFVIA ELVNVLQERV GELMDQNAFS LTQK.

Precautions

GTF2H5 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (Q6ZYL4)