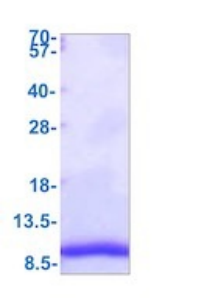
Full-Length

GTF2H5 (Human) Recombinant Protein

Catalog # P7732 Size 500 ug

Applications



SDS-PAGE analysis of GTF2H5 (Human) Recombinant Protein

Specification

Product Description	Human GTF2H5 (NP_997001, 1 a.a. - 71 a.a) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMVNVLKGVLIECDPAMKQFLLYLDESNALGKKFIIQDIDDTH VFVIAELVNVLQERVGELMDQNAFSLTQK
Host	Escherichia coli
Theoretical MW (kDa)	10.4
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Concentration	1mg/mL
Purity	> 95% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of GTF2H5 (Human) Recombinant Protein
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (10% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — GTF2H5

Entrez GeneID	404672
Protein Accession#	Q6ZYL4
Gene Name	GTF2H5
Gene Alias	C6orf175, TFB5, TGF2H5, TTD, TTD-A, TTDA, bA120J8.2
Gene Description	general transcription factor IIH, polypeptide 5
Omim ID	601675 608780
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of transcription/repair factor TFIIH, which functions in gene transcript ion 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 re sult in trichothiodystrophy, complementation group A. [provided by RefSeq
Other Designations	DNA repair syndrome trichothiodystrophy group A|OTTHUMP00000017501|TFIIH basal transcript ion factor complex TTDA subunit|trichothiodystrophy

Pathway

- Nucleotide excision repair

Disease

- Breast cancer
- Genetic Predisposition to Disease

- Meningeal Neoplasms
- Meningioma
- Multiple Sclerosis
- Werner syndrome