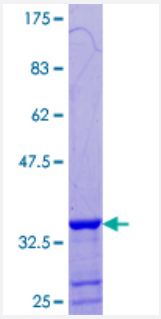
Full-Length

GTF2H5 (Human) Recombinant Protein (P01)

Catalog # H00404672-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GTF2H5 full-length ORF (NP_997001.1, 1 a.a. - 71 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVNVLKGVLIECDPAMKQFLLYLDESNALGKKFIIQDIDDTHVFVIAELVNVLQERVGELMDQNAFSLTQK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.5
Interspecies Antigen Sequence	Mouse (99); Rat (100)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GTF2H5

Entrez GeneID	404672
GeneBank Accession#	NM_207118.1
Protein Accession#	NP_997001.1
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