

Product datasheet for PH309579

TTDA (GTF2H5) (NM_207118) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GTF2H5 MS Standard C13 and N15-labeled recombinant protein (NP_997001)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209579
Predicted MW:	8.1 kDa
Protein Sequence:	>RC209579 protein sequence Red =Cloning site Green =Tags(s) MVNVLKGVLIIECDPAMKQFLLYLDESNALGKKFIIQDIDDTHVFVIAELVNVLQERVGELMDQNAFSLTQ K TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_997001
RefSeq Size:	7503
RefSeq ORF:	213
Synonyms:	bA120J8.2; C6orf175; TFB5; TFIH; TGF2H5; TTD; TTD-A; TTD3; TTDA
Locus ID:	404672
UniProt ID:	Q6ZYL4
Cytogenetics:	6q25.3



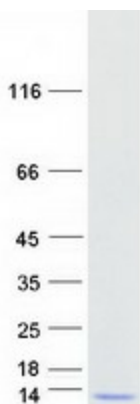
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Summary: This gene encodes a subunit of transcription/repair factor TFIIH, which functions in gene transcription and DNA repair. This protein stimulates ERCC3/XPB ATPase activity to trigger DNA opening during DNA repair, and is implicated in regulating cellular levels of TFIIH. Mutations in this gene result in trichothiodystrophy, complementation group A. [provided by RefSeq, Mar 2009]

Protein Families: Transcription Factors

Protein Pathways: Nucleotide excision repair

Product images:



Coomassie blue staining of purified GTF2H5 protein (Cat# [TP309579]). The protein was produced from HEK293T cells transfected with GTF2H5 cDNA clone (Cat# [RC209579]) using MegaTran 2.0 (Cat# [TT210002]).