

## Product datasheet for **TA812723**

### GTF2H3 Mouse Monoclonal Antibody [Clone ID: OTI4B5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4B5
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 1-241 of human GTF2H3 (NP_001507) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	34.2 kDa
Gene Name:	general transcription factor IIH subunit 3
Database Link:	<a href="#">NP_001507</a> <a href="#">Entrez Gene 2967 Human</a> <a href="#">Q13889</a>
Background:	This gene encodes a member of the TFB4 family. The encoded protein is a subunit of the core-TFIID basal transcription factor and localizes to the nucleus. The encoded protein is involved in RNA transcription by RNA polymerase II and nucleotide excision repair and associates with the Cdk-activating kinase complex. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 14. [provided by RefSeq, Dec 2012]



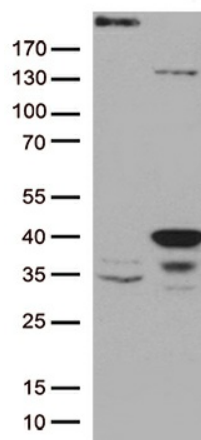
[View online »](#)

**Synonyms:** BTF2; P34; TFB4; TFIIH

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Basal transcription factors, Nucleotide excision repair

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GTF2H3 ([RC209399], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-GTF2H3 (1:500). Positive lysates [LY419886] (100ug) and [LC419886] (20ug) can be purchased separately from OriGene.