

## Product datasheet for **TP306099M**

### GTSF1 (NM\_144594) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human gametocyte specific factor 1 (GTSF1), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC206099 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MEETYDSDLPEKLLQCPYDKNHQIRACRFPYHLIKCRKNHPDVASKLATCPFNARHQVPRAEISHHIS  
CDDRSCIEQDWNQTRSLRQETLAESTWQCPCDEDEDWDKDLWEQTSTPFAWGTTTHYSNNSPASNIVTEH  
KNNLASGMRVPKSLPYVLPWKNNNGNAQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 19.1 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_653195](#)

**Locus ID:** 121355

**UniProt ID:** [Q8WW33](#), [A0A024RB57](#)

**RefSeq Size:** 822



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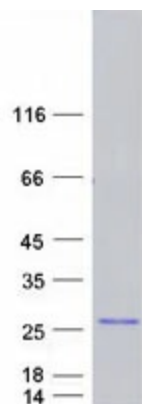
Cytogenetics: 12q13.13

RefSeq ORF: 501

Synonyms: Cue110; FAM112B

Summary: Required for spermatogenesis and is involved in the suppression of retrotransposon transcription in male germ cells.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified GTSF1 protein (Cat# [TP306099]). The protein was produced from HEK293T cells transfected with GTSF1 cDNA clone (Cat# [RC206099]) using MegaTran 2.0 (Cat# [TT210002]).