

# **Product datasheet for TP306259M**

### OriGene Technologies, Inc.

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### GSPT2 (NM\_018094) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human G1 to S phase transition 2 (GSPT2), 100 μg

Species: Human
Expression Host: HEK293T

**Expression cDNA Clone** >RC206259 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MDSGSSSSDSAPDCWDQVDMESTGSAPSGDGVSSAVAEAQREPLSSAFSRKLNVNAKPFVPNVHAAEFVP SFLRGPTQPPTLPAGSGSNDETCTGAGYPQGKRMGRGAPVEPSREEPLVSLEGSNSAVTMELSEPVVENG EVEMALEESWEHSKEVSEAEPGGGSSGDSGPPEESGQEMMEEKEEIRKSKSVIVPSGAPKKEHVNVVFIG HVDAGKSTIGGQIMFLTGMVDKRTLEKYEREAKEKNRETWYLSWALDTNQEERDKGKTVEVGRAYFETER KHFTILDAPGHKSFVPNMIGGASQADLAVLVISARKGEFETGFEKGGQTREHAMLAKTAGVKHLIVLINK MDDHTVNWSIERYEECKEKLVPFLKKVGFSPKKDIHFMPCSGLTGANIKEQSDFCPWYTGLPFIPYLDNL PNFNRSIDGPIRLPIVDKYKDMGTVVLGKLESGSIFKGQQLVMMPNKHNVEVLGILSDDTETDFVAPGEN

LKIRLKGIEEEEILPGFILCDPSNLCHSGRTFDVQIVIIEHKSIICPGYNAVLHIHTCIEEVEITALISL VDKKSGEKSKTRPRFVKQDQVCIARLRTAGTICLETFKDFPQMGRFTLRDEGKTIAIGKVLKLVQEKD

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 68.7 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.



#### GSPT2 (NM\_018094) Human Recombinant Protein - TP306259M

**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 060564

 Locus ID:
 23708

 UniProt ID:
 Q8IYD1

 RefSeq Size:
 2861

Cytogenetics: Xp11.22 RefSeq ORF: 1884

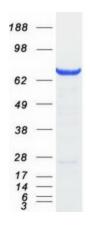
**Synonyms:** ERF3B; GST2

**Summary:** This gene encodes a GTPase that belongs to the GTP-binding elongation factor family. The

encoded protein is a polypeptide release factor that complexes with eukaryotic peptide chain release factor 1 to mediate translation termination. This protein may also be involved in mRNA

stability.[provided by RefSeq, Mar 2010]

## **Product images:**



Coomassie blue staining of purified GSPT2 protein (Cat# [TP306259]). The protein was produced from HEK293T cells transfected with GSPT2 cDNA clone (Cat# [RC206259]) using MegaTran 2.0 (Cat# [TT210002]).