

## Product datasheet for TP306259

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human G1 to S phase transition 2 (GSPT2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206259 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDSGSSSSDSAPDCWDQVDMESTGSAPSGDGVSSAVAEAQREPLSSAFSRKLNVNAPFVFPNVHAAEFVP  
SFLRGPTQPPTLPAGSGSNDETCTGAGYPQGKRMGRGAPVEPSREEPLVLSLEGSNSAVTMELSEPVVENG  
EVEMALEESWEHSKEVSEAEPGGGSSGDSGPPEESGQEMMEEKEEIRKSKSVIVPSGAPKKEHVNVVFIG  
HVDAGKSTIGGQIMFLTGMVDKRTLEKYEREAKEKNRETWYLSWALDTNQEERDKGKTVEVGRAYFETER  
KHFTILDAPGHKSFVPMNIGGASQADLAVLVISARKGEFETGFEKGGQTRHAMLAKTAGVKHLIVLINK  
MDDHTVNWSIERYEECKEKLVPFLKKVGFSPKKDIHFMPCSGLTGANIKEQSDFCPWYTGLPFIPYLDNL  
PNFNRSIDGPIRLPIVDKYKDMGTVVLGKLESGSIFKGGQLVMMMPNKHNVVGLGILSDDTETDFVAPGEN  
LKIRLKGIEEEEILPGFILCDPSNLCHSGRTFDVQVIVIEHKSIIICPGYNAVLHIHTCIEEVEITALISL  
VDKKSGEKSKTRPRFVKQDQVCIARLRTAGTICLETFKDFPQMGRFTLRDEGKTAIGKVLKLVQEKD

**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.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060564</a>
<b>Locus ID:</b>	23708
<b>UniProt ID:</b>	<a href="#">Q8IYD1</a>
<b>RefSeq Size:</b>	2861
<b>Cytogenetics:</b>	Xp11.22
<b>RefSeq ORF:</b>	1884
<b>Synonyms:</b>	ERF3B; GST2
<b>Summary:</b>	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]).