

Product datasheet for **SC113773**

GSPT2 (NM_018094) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GSPT2 (NM_018094) Human Untagged Clone
Tag:	Tag Free
Symbol:	GSPT2
Synonyms:	ERF3B; GST2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene ORF within SC113773 sequence for NM_018094 edited (data generated by NextGen Sequencing)

```
ATGGATTCCGGGCAGCAGCAGCAGCGACTCGGCGCCCGATTGCTGGGACCAGGTGGACATG
GAATCCCCGGGGTCGGCCCCGAGCGGGGATGGAGTCTCCTCTGCGGTGGCCGAGGCCAG
CGCGAGCCCTCAGCTCGGCTTTCAGCCGTAAGCTCAACGTCAACGCCAAGCCCTTCGTG
CCTAACGTACACGCCGCGAGTTCGTGCCGTCTTCTGCGGGGCCGACTCAGCCGCC
ACCTCCCGCCGGCTCCGGCAGCAACGATGAAACCTGCACCGGCGGGGATACCCTCAA
GGTAAAAGGATGGGACGGGGGGCACCTGTGGAACCTTCCGAGAGGAACGTTAGTGCG
CTTGAAGTTCCAATTACGCCGTTACCATGGAACCTTTCAGAACCTGTTGTAGAAAATGGA
GAGGTGAAAATGGCCCTAGAAGAATCATGGGAGCACAGTAAAGAAGTAAGTGAAGCCGAG
CCTGGGGTGGTTCCTCGGGAGATTGAGGGCCCCAGAAGAAAGTGGCCAGGAAATGATG
GAGGAAAAAGAGGAAATAAGAAAATCCAAATCTGTGATCGTACCCTCAGGTGCACCTAAG
AAAGAACACGTAATGTAGTATTATTGGCCATGTAGACGCTGGCAAGTCAACCATCGGA
GGACAGATAATGTTTTGACTGGAATGGTTGACAAAAGAACACTGGAGAAATATGAAAGA
GAAGCTAAGGAAAAAACAGAGAAACCTGGTATTTGCTCGGGCCTTAGATACAAATCAG
GAGGAACGAGACAAGGGTAAAACAGTCAAGTGGGTGCTGCCTATTTGAAACAGAAAGG
AAACATTTCACAATTTAGATGCCCTGGCCACAAGAGTTTTGTCCCAAATATGATTGGT
GGTGCTTCTCAAGCTGATTTGGCTGTGCTGGTCACTCTGCCAGGAAAGGAGAGTTTAA
ACTGGATTTGAAAAGGTGGACAGACAAGAGAATGCGATGTTGGCAAAAACGGCAGGG
GTAAAACATTTAATAGTGCTTATTAATAAGATGGATGATCCACAGTAAATTGGAGCATC
GAGAGATATGAAGAATGTAAAGAAAACTGGTGCCCTTTTAAAAAAGTAGGCTTCAGT
CCAAAAAAGGACATTCACCTTATGCCCTGCTCAGGACTGACCGGAGCAAATATTAAGAG
CAGTCAGATTTCTGCCCTTGGTACACTGGATTACCATTTATTCGATTTTGGATAACTTG
CCAAACTTCAACAGATCAATTGATGGACCAATAAGACTGCCAATTGTGGATAAGTACAAA
GATATGGGCACTGTGGTCTGGGAAAGCTGGAATCCGGGTCCATTTTAAAGGCCAGCAG
CTCGTGATGATGCCAAACAAGCACAATGTAGAAGTTCTTGAATACTTTCTGATGATACT
GAAACTGATTTTGTAGCCCCAGGTGAAAACCTCAAAATCAGACTGAAGGGAAATTGAAGAA
GAAGAGATTCTCCAGGATTCATACTTTGTGATCCTAGTAACCTCTGCCATTCTGGACGC
ACGTTTGATGTTCCAGATAGTGATTATTGAGCACAATCCATCATCTGCCAGGTTATAAT
GCGGTGCTGCACATTCATACTTGTATTGAGGAAGTTGAGATAACAGCGTTAATCTCCTTG
GTAGACAAAAAATCAGGAGAAAAAAGTAAAGACACGACCCCGCTTCGTGAAACAAGATCAA
GTATGCATTGCTCGTTTAAAGACAGCAGGAACCATCTGCCTCGAGACGTTCAAAGATTTT
CCTCAGATGGGTGTTTTACTTTAAGAGATGAGGGTAAGACCATTGCAATTGGAAAAGTT
CTGAAATTGGTCCCAGAGAAGGACTAA
```

Clone variation with respect to NM_018094.4

5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018094 unedited</p> <pre>CCGTTCCGGGATTTGTATACGATTCTATAGGCGGCCCGCAATTCGCACGAGNATCCGCT CACACACAAGAGGAGAGTGTGAGCCGCATATCTGCTGCTGCCGCCGAGTTGCGAATG CAGCATCGGCGCTTAGCTGCCTCCGCGGTGCAGCTAAGGTTCTGTGCTACCCCTTGCC CCTTCGCTCTTGTGCCTTAACCCCGCCGGTGGAGCCCGCTCTTCTGGCCTGTTGAGCC GCTCCCTACTGCCACACAGCAAGTCCGAGACCATGGATTCCGGCAGCAGCAGCAGCGA CTCGGCCGCCGATTGCTGGGACCAGGTGGACATGGAATCCCCGGGGTCCGCCCCGAGCGG GGATGGAGTCTCCTCTGCGGTGGCCGAGGCCAGCGCGAGCCCTCAGCTCGGCTTTCAG CCGTAAGCTCAACGTCAACGCCAAGCCCTTCGTGCCTAACGTACACGCCCGGAGTTCGT GCCGCTCTTCTGCGGGGCCGACTCAGCCGCCACCCTCCCGCCGGCTCCGGCAGCAA CGATGAAACCTGCACCGCGCGGATACCCTCAAGGTAAGGATGGGACGGGGGCACC TGTGGAACCTTCCGAGAGGAACCGTTAGTGTGCTTGAAGGTTCCAATTCAGCCGTTAC CATGGAACCTTTCAGAACCTGTTGTAGAAAATGGAGAGGTGAAAATGGCCCTAGAAGAATC ATGGGAGCACAGTANAGAAGTAAGTGAAGCCGAGCCTGGGGTGGNTCCTCGGGAGATTC AGGGCCCCCAGAAGAAAGTGCCAGGAATGATGGAGGAAAAGAGGGAATAGAAATCCAA TCTGTGATCGCCCTCAGTGCCCTAAGAAAGACCGTAAAGTAGTATTCATTGGCCAG</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018094 unedited</p> <pre>GACCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTCAAATCACAAGTGGG GAAAGCAGAAAAGCTCCTTTATTGACTGGACTTGGACAGAGAAAACAAAGCCCACTGGGA AAGAGCCTAACATACGTTTTTTTCTCAAATTTAAATTTTCTTTAATACACACTTAT GCATTGTTTGAAATTCCTCACTTAAAACAGTAAGTGGTGAAGAGTTTTTAAAGTTTTTAA GTGATAGAACATATTCAACTATTTGAGAAAAGTAATAAAGCTAATTGAATAGCATTACATA ATGACATTTAAACATTATTCAAAAGCATTTCAAATAACCGAAGAGTTTTCAATGGAGTAT TTTATTCACATGTTAGTTATCATTTTAAACACACACAAAACACTGACACACTCTGGTTTG CGTGGAACAAGGGTGGTCTAAATATCCTAAAAGAAAATGAAAAATTAAGTACATTAATT TTTCATTACTGTAGGCAATTACGTCCACATCACTTACAAAGCTATTACTGATATTGTCCA AGGAAGCAGAGTGGTACAGAGGAAGGAACTTGAGGGTAAATTCATCAGTGACATAACAG ATCTCAACATGAGAAAAGCTGACAAAACATGAATTTTTGCTGTGAAATTTCTCTTTGCAA AATTCTCCTCACAGTATCTTGACAGGCATCAAGAAAAATGCTTAGTCCTTCTCTGGGAC CAATTTCAGAACTTTTCCATTGCAATGGTCTACCCTCATCTCTTAAAGTAAACGACCCAT CTGAGAAAATCTTTGACGTCTCGAGCCAAATGGTCTGCTGCTCTTAAACGANCATGCATA CTTGATCTTGTTACGAAGCGGGCNGTCTTACTNNTTCCCCNNGATT</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018094
Insert Size:	2920 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_018094.2 , NP_060564.2
RefSeq Size:	2503 bp
RefSeq ORF:	1887 bp
Locus ID:	23708
UniProt ID:	Q8IYD1
Cytogenetics:	Xp11.22
Domains:	GTP_EFTU, GTP_EFTU_D3, GTP_EFTU_D2
Gene 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]