

Product datasheet for **SC209373**

Phosphoserine phosphatase (PSPH) (NM_004577) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Phosphoserine phosphatase (PSPH) (NM_004577) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: PSPH
Synonyms: PSP; PSPHD
ACCN: NM_004577
Insert Size: 728 bp
Insert Sequence: >SC209373 3'UTR clone of NM_004577
The sequence shown below is from the reference sequence of NM_004577. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTAGAGCTGCTGGGAGAACTGGAAGAAATACATCCATTGTCGTACAGCTCCAAACAACCTCAGATGAAT
TTTTACAAGTTATACAGATTGATACTGTTTGCTTACAGTTGCCTATTACAACCTGCTATAGAAAGTTGG
TACAAATGATCTGTACTTTAAACTACAGTTAGGAATCCTAGAAGATTGCTTTTTTTTTTTTTTAACTG
TAGTCCAGTATTATATGATGACTATTGATTTCTGGAGAGGTTTTTTTTTTTTTTGAGACAGAATCTT
GCTCTGTTGCCAGGCTGGAGTGAGTGGCGCGGTCTCGGCTCACTGCAAGCTCTGCCTCCAGGTTCA
CGCCATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGCACCCGCCACCACATCCGGCTAATT
TTTTGATTTTTAGTAGAGACGGGTTTGACCGTGTAGCCAGGATGGTCTTGATCTCCTGACCTTG
ATCCGCCTGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCTTGGGCCACCGGCCAGCCAATGCCT
AGAGAGTTTTGTGATCTGAATCTTTATGTATATTTGTAGCTATATTTATACAAAGTGCTTTAAGTGT
GGAGAGTCAATTAACACCTTTACTCTTAGAAATACGGATTCGGCAGCCTTCAGTGAATATTGGTTTCT
CTTTGGTATGTCAATAAAAGTTTATCCGTATGTCAGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI
OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



[View online »](#)

Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_004577.4
Summary:	The protein encoded by this gene belongs to a subfamily of the phosphotransferases. This encoded enzyme is responsible for the third and last step in L-serine formation. It catalyzes magnesium-dependent hydrolysis of L-phosphoserine and is also involved in an exchange reaction between L-serine and L-phosphoserine. Deficiency of this protein is thought to be linked to Williams syndrome. [provided by RefSeq, Jul 2008]
Locus ID:	5723
MW:	27.9