

## Product datasheet for **SC212318**

### glycerol 3 phosphate permease (SLC37A1) (NM\_018964) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                      |
| Product Name:             | glycerol 3 phosphate permease (SLC37A1) (NM_018964) Human 3' UTR Clone                                                                                                                                                                             |
| Symbol:                   | glycerol 3 phosphate permease                                                                                                                                                                                                                      |
| Synonyms:                 | G3PP                                                                                                                                                                                                                                               |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                           |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                              |
| ACCN:                     | NM_018964                                                                                                                                                                                                                                          |
| Insert Size:              | 1096 bp                                                                                                                                                                                                                                            |
| Insert Sequence:          | <p>&gt;SC212318 3'UTR clone of NM_018964</p> <p>The sequence shown below is from the reference sequence of NM_018964. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GGGGACCAAGTTCATTTAAGGAACAGTGACACCCACCCAGTCCCGTGGAGGGGGTCTGGGCCACCC
CTTCACAAGTGCCTTTCAAGGACAGTTCAGACAAAGGGCCCTGCATGGAAAGAGTGACCTCCCTTTGCC
TTTTGCACACGCACCTGAAAAAGACACAGAAGCCAACCTGAGAACCCTGGTGCTATTTTAAAGGAGAC
ATATTGCTGAACAGCAGTGAGAAAAGTCTGCAGGAAGTCTGCCTGAGCCAAGCCAGAGAACCGAAGAC
CCGGCCGGCCCTGGCCTCACAGGCGTGTGCCCATGCAGCCACCCAAATGCACGCGTGACAACAAGGCCG
GGAGGGTGGGGGGGTGCACAGGTAGCCCCGACCTCTCAGGCATTCCAGCCACAGAATCAAAGTGA
GCGAGTACTGCGCTGGCTGTGGCTTCAGAGAACCTGTATGTGCCACATGGAAAAACAGGACACCAGAGC
CCACCAGACAGTGCCGGCCAGCAGAGAAGCAGAGAGCCAGCGCCACACAACATCAAGAAGGCCGACAAC
CAGGTTGGAAACCAAGACGGAGCTCAGACCCACCACATCGCCCCAGAGGCTTTTCCAGCACCCATGATG
TTTCGGAAGTACCTAAAACTAATTGTCGAGAAGCCAAGGGTGGAGAGGCAGGAAGCACCTCCGTTGG
AGGCACCCAGGCTTGCCAGCCACAGAGCGCCCCAAAGTCAACGTCATCCAGCCCTGGCCTTCCTGCT
GCCCTCCGGGGCATGGCACTGCTGTTCACTCAGGCACAGGGGCACAGCAGAGTTTGGGAAGCGGTC
TCCCCACCGCACTGGGATTGGCGGTCCAAGCCAGCAACCGGCTTCGCTCCACAACACACACCACAC
CTGGGACTGTTTTAATACATAGCAACAGACTGGGTTATTTATTTAAGATGTGTATTGTGCATATGAA
GTTTAAGAGACATAAATGGCATTGTTGTTATTTATTAAGACAACTCCAATTGTTCTCTGGCTGTTTTT
TCAGTTGTGTCTAGCAAAATACTTATCTGCCCTTTGAAATAAAATGTTTTGTTTAAAAA
AGCGGACCGACTTACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTGATTCCACGCCGC

```

Restriction Sites: SgfI-RsrII



[View online »](#)

|                        |                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Disclaimer:</b> | 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).                                                                                                               |
| <b>Components:</b>     | 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.                                                                                                                                                                                                           |
| <b>RefSeq:</b>         | <u><a href="#">NM_018964.4</a></u>                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Summary:</b>        | The protein encoded by this gene localizes to the endoplasmic reticulum (ER) membrane. This protein translocates glucose-6-phosphate from the cytoplasm into the lumen of the ER for hydrolysis into glucose by another ER membrane protein. This gene is a member of the solute carrier 37 gene family. Alternative splicing results in multiple transcript variants.<br>[provided by RefSeq, Feb 2016] |
| <b>Locus ID:</b>       | 54020                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>MW:</b>             | 39.8                                                                                                                                                                                                                                                                                                                                                                                                     |