

Product datasheet for **SC114304**

GLTP (NM_016433) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLTP (NM_016433) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLTP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC114304 sequence for NM_016433 edited (data generated by NextGen Sequencing)

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ATGGCGCTGCTGGCCGAACACTTGCTGAAGCCGCTNNNNNCGGACAAGCAGATCGAGACC
GGGCCCTTCCTCGAGGCGGTGTCCACCTGCCGCCCTTCTCGATTGCCTTGGGTCCCA
GTGTTTACTCCCATCAAGGCAGACATAAGCGGCAACATCACGAAAATCAAAGCTGTGTAC
GACACCAACCCAGCCAAGTTCGGACCCCTGCAGAACATCCTGGAGGTGGAGAAAAGAAATG
TATGGAGCAGAGTGGCCAAAGTAGGGGCCACACTGGCGCTGATGTGGCTGAAAAGAGGC
CTCCGTTTCATCCAGGTCTTCTCCAGAGCATCTGCGACGGGGAGCGGGACGAGAACCAC
CCCAACCTCATCCGTGTCAACGCCACCAAGGCCTACGAGATGGCCCTCAAGAAGTACCAT
GGCTGGATCGTGCAGAAGATCTCCAGGCAGCACTGTACGCAGCACCCCTATAAGTCTGAC
TTCCTGAAAGCGCTCTCCAAGGGCAGAATGTTACGGAGGAGGAGTGCCTGGAGAAGATC
CGCCTTTCCTAGTCAACTACACGGCGACCATCGATGTCATCTACGAGATGTACACCCAG
ATGAACGCTGAGCTTAACTACAAGGTGTAG
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Clone variation with respect to NM_016433.3
36 g=>n;37 c=>n;38 c=>n;39 c=>n;40 g=>n



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_016433 unedited</p> <pre>AAGTGTAAACGACTCACTATAGGGCGGCCGCTACTCGCACGAGGTCGACGCCCCGCGG GCCGGCTGGGGCATCACCGCGGGCTCGACACCGAATGGCGCTGCTGGCCGAACACTTGC TGAAGCCGCTGCCCGGGACAAGCAGATCGAGACCGGGCCCTTCTCGAGGCGGTGTCCC ACCTGCCGCCCTTCTTCGATTGCCTTGGTCCCCAGTGTTACTCCCATCAAGGCAGACA TAAGCGGCAACATCACGAAAATCAAAGCTGTGTACGACACCAACCCAGCCAAGTTCGGGA CCCTGCAGAACATCCTGGAGGTGAGAAAAGAAATGTATGGAGCAGAGTGGCCCAAAGTAG GGGCCACACTGGCGCTGATGTGGCTGAAAAGAGGCCCTCCGCTTCATCCAGGTCTTCTCC AGAGCATCTGCGACGGGAGCGGACGAGAACCACCCCAACCTCATCCGTGTCAACGCCA CCAAGGCTACGAGATGGCCCTCAAGAATACCATGGCTGGATCGTGCAGAAGATCTTCCA GGCAGCACTGTACGACGACCCTATAAGTCTGACTTCTGAAAGCGCTCTCAAGGGGCA GAATGTTACGGACGAGGAGTGCCTGGAGAATATCCGCCTTCTCTAATCAACTACACGGC GACCATCGATGTCATCTACGAGATGTACACCCAGATGAACGCTGACCTTAACTACCAGT GTANGGATGCCACTGTTGGACACGTCCCGACTCGTGCCACATGGAAGAACAGGGCA ACCCAGATAACTGTGAATCAAGGCGTNGAACTGACCCTGGCCTGTGTCCCAGAACAAAC CAGGGTCTGCCAAACATGAAGGCCAACCTCCTCTTTTAGGCTTTTTTTTTTTTTTTTGG GCCTTCAAAGGCCCTAAAAAGATCCTACTCCAAA</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016433 unedited</p> <pre>CTTCCGGGCCAGAGTCGTCCTGGGAGTGGGTCCAGGGATGCCACCCGGGATCTGTTCA GGATACAGTCTTGACCGCGGCCCAATCAAGAGTCGAGTTTCCCCCCCCCCCCCTCCC ATTGGACAGAGTTTCGTCTTTTGTGGCCAGGCTGGATTGCAGTGGCGCAATCTCGTT ACTGTAACCTCCACCTCCAGTTTCTAACGATTCTCCTGCCTCAGCCTCCCAAGAAGATG GGATTACAGGCGTGCCTACCATGCCTGGCTAATTCTATATTTTTAGTAGAGATAGGGTT TCACCATGTTGGTCAGGCTGATCTCAAACCTGACCTCAAGTAATCCACCCACCTTTTT TTTTTTTTTTGAAACAAAGTTTCGCTCTTGTGGCCAAGCTGGAGTGAATGGTGCATC TAGCTACTGAACTCCTTTCGGGGTTAAGCCGATTTCTGCCTCAGCCTCCTGAGTAGC TGGAACTACAGGCGTGCGCCACCATGCCAGCTAATTTTTTATTTTTTAGTAGCATGG GGTTTCACCATGTTGGCCAGGCTGGTCTCAAACCTCCGACCTCAGGTGATCCACCCGCT CAGCCTCCCAAAGTGTGGGATTACAGGCGTGAGCCACGGTGCCAGCCATCATGTGCTT ATTTTTAAAGCGAGGTGGATGACACCATCCCCAGAGCTGTGTTCTCGTTGGCAACAAA ACAAAACCAAAAAACCCTAAGACTTGACTATTTAAAGTGTAAATCGTTTTTACCAGCT GAAATGAAGTATAAAGTCAGTCTGTGCTGCTGAAATCCAAGGAGATTTGGAAGAAGAT CATATTTACTGGTCTTANAATGACAAAAAAAAAAAAAGACTAAAAAAGGGTTGCCCTG AACTTGACAGACCTTGCTGTTTGGGAAAAGCAGGGANTCCCACTATAAAGGATTGGTTG CTGTTTCTA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_016433
Insert Size:	1640 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:

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_016433.3](#), [NP_057517.1](#)

RefSeq Size: 2371 bp

RefSeq ORF: 630 bp

Locus ID: 51228

UniProt ID: [Q9NZD2](#)

Cytogenetics: 12q24.11

Gene Summary: The protein encoded by this gene is similar to bovine and porcine proteins which accelerate transfer of certain glycosphingolipids and glyceroglycolipids between membranes. It is thought to be a cytoplasmic protein. [provided by RefSeq, Jul 2008]