

Product datasheet for **SC102172**

GLTP (AK097521) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GLTP (AK097521) Human Untagged Clone
Tag:	Tag Free
Symbol:	GLTP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK097521, the custom clone sequence may differ by one or more nucleotides

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CTTGGGCAACAAGAGTGAACTCTGTCTCAAAAAAAAAAAGAAAAACAATAGAAACAGCCCCAGGCA
TGGCACAGTTGATAGAGTAAATAGACAGAAACATTTTTTAAAATGCAATGGGTGTGTGTTTCAAATCTAG
GCAGAAAAATGCTCCTTGTAATTCCTTAAACATAAGCATGTCTCATTTCATCTGGTCATTGTTTTGACAA
GGATGTGCCATCCATTGTGCTAAGTTCTGAGGAGTCAGAGGTGACAGAGACAGAGAAAGTCCAGCATTTC
TTGGAACCTTCTAACGAAGGAGAGGGACAAAGCCAGGCATGGTGGCTCACGCCTGTAATCCCAACTTTG
GGAGACTGAGGCTGGCGGATCACGAGGTCAGGAGTTTGGACCAACCTGGCCAACATGGCGAGACCCCAT
CGCTACTAAAAATACAAAAATTCTGGGTGTGGTGGTGCACCTGTGGTCCCAGCTACTCTGGAGGCT
GAGGCAGGACAATCACTTGAACCCTGGAGGCAGAGTTTGCAGTGAGCTGAGATCGTCCACTGCACTCCA
ACCTGGGCAACAAGAGCGAGACTCCTTCTGAAAAAAAAAAGGAGAGGGACAATAAACAAGTAAGCA
AGACAATCTGATTAAGAAGGAGTTGGGGTTAGCTGGGCATGGTAGCAAGCGCCTGTAGTCTCAGCTACTC
GGGAGGCTGAGGTGGGAGGATCCTTGAACCCAGGAGGTTAAGGCTGCAGTGAGCTGTGGTGCACCCACTG
CACTCCAGCCTGGATGACAGAGCAAGACCTGTCTCAGAAAAAGAAGAAGGAGTTGGGGGTGGGGTAGGA
TGGGCTTGGACTCACTATCAAGTGGGTGGGAGTGTGAGAACCCGGCAAGGTGCAAGAGAGAAGCAGGG
AAGGGAAGCTTAGGACAATGATGGCAGGTTGGGTATTGGGTGATGGGAAGAGGCAAGGACGTGGAGCTT
GGCAAAAAGGGGACTTGTGGGATTTGGGCCATGTGAGCATGTGGGGGAGACAGTGTTCCTTCCATAACA
CGTGTCCAGGGACTGCCAGGGCTCCGAGGCAGAGCAGGTGTAGAGAGGTTGGCTGTGAATGTTGGATGTT
GAAAACATATGTGTCAAATGTGGGAGGAAAAAGCAGTGTTCCTTGAATACAAGCTCCTCCTCACCTTGC
GAAAAGTGGCCTCTGAGTGTAGCCCTGAATGCATCTCCAAGGAATAGGAGGAAGCAGCAACCTTTTCAG
AGTTAACTGCTTTATTTGGGTTTTCCATGGCCTCGTGCCAGCCAGCAGGGCTGAGCCGTTTTACCCACA
CTGAGAGGGAACCTCAGCAAAGAGCAAGCAGCATGCCAGCTGGTACTCTTCCCTCTCCATTCACTCAGCTC
CTGATCTCAGGAGGGCAGCCCTCCCCAGGCCAGCACCCCTCCCTTCTGGCCCCAGGTGTGGGATGTTG
TTGTTTTCTTTTCCGAAACATCTCCTGGGTTTGTCTTTTCCATCACTGTCTTTAGACTGAGGCAAGCA
GTCCCCATGCCTTCAAGCCCATGTTTTGGGGTAACCTGTGCTTTGACATGCTTTGCTAAAAACTTTCTA
AGTCTCCCTCTGGTGCTGGGACCAGCCATGACCAACAACGTCATCCATGCAGGCCACCCCTAACATAGTC
CAGGCCTCATGTGGTCTCAGTTCCTTTTCTTTTCCAGGAAGTTCTCCAGTGCATGCATAGGGTTGAC
CAGATGTCCCAAGGTGCTCTAGGACTTATGCCTATGAAGCTGTTTTAGGGCTTCTAGTCAGTCCCTGGT
TCCAGGAAAGCAGCCTGATGAGGAGATCATTCCCCTGGCTGGTGTGGCATTCTTTTATGGCACTACCT
GGGATTGGGCCACCAGACCTGCGCTAACATGCTGATTTGATGGACTCTTAAACATCATAGGACAAAGAATC
GTCATGTGAACCAATTAGACAATAAACAATGCCTAAGTG
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK097521 unedited CATTATGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGTGGAGCTTGGC AAAAAGGGACTTGTGGGATTTGGGCCATGTGAGCATGTGGGGGAGACAGTGTTCCTTCC ATAACACGTGTCCAGGGACTGCCAGGGCTCCGAGGCAGAGCAGGTGTAGAGAGGTTGGCT GTGAATGTTGGATGTTGAAAACATATGTGTCAAATGTGGGAGGAAAAAGCAGTGTTCCT TGAATACAAGCTCCTCCTCACCTTGCAAAAGTGGCCTCTGAGTGTAGCCCTGAATGCAT CTCCCAAGGAATAGGAGGAAGCAGCAACCTTTTCAGAGTAACTGCTTTATTTGGGTTTT CCATGGCCTCGTGCCAGCCAGCAGGGCTGAGCCGTTTCACCCACTGAGAGGGAACTC AGCAAAGAGCAAGCAGCATGCCAGCTGGTACTTCCCTCTCCATTCACTCAGCTCCTGA TCTCAGGAGGGCAGCCCCTCCCCAGGCCAGCACCCCTCCCCTTCTGGCCCAGGTGTGG ATGTTGTTGTTTTCTTTCTCCGAAACATCTCCTGGGTTTGTCTTTTCCATCACTGTCTT TAGACTGAGGCAAGCAGTCCCCATGCCTTCAGCCCATGTTTTGGGGTAACCTGTGCTT TGACATGCTTTGCTAAAACTTTCTAAGTCTCCCTCTGGTGTGGGACCAGCCATGACCA ACAACGTATCCATGCAGGCCACCCCTTACATAGTCCAGGCCTCATGTGGGTCTCAGNTC CCTTTTCTTTTTCAGGAAGNTCTNCAGTGCATGCATANGTTGACCAGATGTCCCAAGG TGCTCTAAGACTTATGCCTATGAAGCTGTTTTAGGGCTTCTAGTCACTGCTGGGTCCAG NAAAGCGNCTGATGAAGAGATCATTCCGCTGGCTGTGTTGCATTTCTTTTTTGCCTACT TGGATTGGCCACANACTGCGCTANATGCTGATTGTG</p>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK097521 unedited TACTCTATGGACGCGGCCGATTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTGGCACTTAG GCATTTGTTTATTGTCTAATTGGTTCACATGACGATTCTTTGTCCTATGATGTTAAGAGT CCATCAAATCAGCATGTTAGCGCAGGTCTGGTGGCCCAATCCCAGGTAGTGCCATAAAAG AAATGCCACACCAGCCAGCGGGAATGATCTCCTCATCAGGCTGCTTTCCTGGAACCAGGG ACTGACTAGGAAGCCCTAAAACAGCTTCATAGGCATAAGTCTAGAGCACCTTGGGACAT CTGGTCAACCCTATGCATGCACTGGAGAATTCCTGAAAGAAGAAAAGGGAACTGAGACC CACATGAGGCCTGGACTATGTTAGGGGTGGCCTGCATGGATGACGTTGTTGGTCAATGGCT GGTCCCAGCACCAGAGGGAGACTTAGAAAGTTTTAGCAAAGCATGTCAAAGCACAGGTT ACCCCAAAACATGGGGCTGAAGGCATGGGGACTGCTTGCCTCAGTCTAAAGACAGTGAT GGAAAAGACAAAACCCAGGAGATGTTTCGGAGAAAAGAAAACAACAACATCCCACACTGG GGCCAGAAGGGGAGGGGTGCTGGCCTGNGGAGGGGCTGCCCTCCTGAGATCAGGAGCTGA GTGAATGGAGAGGGAAGAGTACCAGCTGGCATGCTGCTTGTCTTTGCTGAGTTCCTCT CAGTGTGGGTGAAACCGGCTCAGCCCTGCTGGCTGGCACGAGGCCATGGNAAACCCAAAT AAAGCAGTAACTCTGAAAAGGTTGCTGCTTCTNCTATCCCTGGGAGATGCATTCAGGG CTACACTCAGAGGCCACTTTTCCCAAAGTGAAGAGAGCTTGATTCAGGAAACCTGCTTT TTCTCCCATTGAAACATATGTTTCA</p>
Restriction Sites:	NotI-NotI
ACCN:	AK097521
Insert Size:	1000 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: [AK097521.1](#)

RefSeq Size: 2000 bp

RefSeq ORF: 2000 bp

Locus ID: 51228

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]