

Product datasheet for **SC321237**

GAL3ST4 (NM_024637) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GAL3ST4 (NM_024637) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAL3ST4
Synonyms:	GAL3ST-4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_024637.4
 CCTTGCTGCTCCCCTTGTGGCCTGACGCTGACAGAGGCAAAAATCTGCTAACTCAGGGGG
 CAGACTCAACCAAGACTGTGAGCAGGCCTGGGGAATGACCCCCGATCTCCAACCAAGTGC
 TTCCGCAGCTGCACGGCTGTCTCCAGCTGTCTCTGCCCTCTTCTGGCCCTGGCTCCA
 TCTCTGTGCACCTCACCTTCCCTGTGCCACATGGGCCCTCTCTCTGCCAGGACGC
 TGGCGCTCTGGGACCTCGGAGCCTGGGGTGGCTCTGGGAGTCTTCATGACCATTGGCT
 TTGCATCCAGCTCTTGGGAGGGCCCTCCAGAGGAGGCTACCTGGGCTACAGCTCCGAC
 AGCCCTCGGCCCATCCCTACGACCAGCCCTTCGGTCTGCCACCCCGCAGCGACTGG
 GTTCTGAAGACACATAAATCCGGGAGCAGCTCTGTGCTGAGCCTGCTTACCAGCTATG
 GGGACCAGCACGGGCTGCGCTTCCGCTCCCTGCCGCTACCAGTTTGGTACCCAAAGC
 TCTTCCAGGCCTTAGGGTAAAAGGCTACCGCCACAGGGTGGAGGCACCCAGCTCCCCT
 TCCACATCTCTGTACCACATGAGGTTCAACCTGAAAGAGGTAATTCAGGTCATGCCTT
 CTGACAGCTTCTTTTTTCCATTGTCCGAGACCCAGCGGCTCTGGCTCGCTCTGCCTTCT
 CCTACTATAAATCCACCTCATCAGCCTTCCGCAAGTACCATCTTTGGCTGCCTTCTGG
 CCAATCCTCGAGGCTTACAGGCTGGGGCCCGTGGGGACCACTACGCTCGCAACTTAC
 TATGGTTTGACTTTGGCCTGCCCTTCCCCAGAGAAGAGGGCCAAGAGAGGGAATATTC
 ATCCCCCAGAGACCCCAACCCCCACAGCTGCAGGTCTTGCTTCTGGTGTGGCCCTC
 GAGCCCAAACCTCAATCCCAATGCCCTCATCCATCCTGTTTCCACTGTTACTGATCATC
 GCAGCCAGATATCAAGCCCTGCCTCTTTCGATTTGGGGTCTTTCATCCTTCATCCAGTGGG
 GTCTGGCTGGCTGGACTCTGTCTTTGACCTGGTATGGTGGCTGAGTACTTCGATGAGT
 CATTGGTTCTGTGGCAGATGCCCTGTGCTGGGGTCTAGATGACGTGGTGGGCTTCATGC
 ACAATGCCAGGCTGGACATAAGCAGGGCTCAGCACTGTAGCAACAGTGGACTGACTG
 CGGAGGACCGGCAGCTGACTGCACGGGCCGAGCCTGGAACAACCTGGACTGGGCTCTCT
 ATGTCCACTTCAACCGCAGTCTCTGGGCACGGATAGAGAAATACGGCCAGGGCCGGCTGC
 AGACAGCTGTGGCCGAGCTCCGGCTCGCCGAGAGGCCCTAGCGAAACATTGTCTGGTAG
 GGGGTGAGGCTTCTGACCCCAAATACATCACTGATCGCCGGTTCGCCCCCTTCCAGTTTG
 GGTGAGCTAAGGTTTGGGCTATATACTTCGGAGTGGATTGAGCCCCAAGACCAAGAGG
 AATGTGAGCGCTAGCTACCCCTGAGCTCCAGTACAAGGACAAGTGGATGTCAAGCAGT
 TCCCCCTACCGTCTCACTGCCCTCAAGACTTCAAGGCCACTCTCCCCATAAACATCAG
 ACTACAGATTTAGGTGGAAGAGCAGCCATGTTTGAAGGGCACATGTGATGAGTGGGGGGC
 AGCAAGATGCCATTTCTGCATCTCCAGAGGGATGAGTCTTTGTCCCGATGCAAGCCCC
 CTCTTCGCTGGGCTCCCAGCAGTCTTCCCTCCTCCACCCTCCACTCATTTTGTCTTTT
 CCCCCAATTTTTTTTTTTTGAACGGAGTCTTGCTCTGTCCCCAGGCTGGAGTGCAGT
 GGCATGATCTCGGCTCACTGCAACCTCTGCCTCCCAGGTTCAAGCGATTCTCCTGCCTCA
 GCCTCCAGAGTAGCTAGGATTACAGATACGTGCCACCATACCCGGCTAATTTTTATATTT
 TTAGAGACAGGGATTCAACATGTTGGTTAGGCTGGTCTTGAACCTCTCACCTCAGGTGAT
 CCACATGACTCTGCCTCCCAAAGTGTGCCATTACAGGCGTGAGCCACTAGGCCTGACCT
 CCCCTTCCCCTTCTCTGCCCAAGGCAGATCCACATCACCGAAGCTCCCTAGAGGGGCAA
 AAGATGGAGTGAGCCACAGGAAGTTTGGGCGTGGTGGATTGGAATGATACGTCCATTTCT
 TCTATGAAATATTTGCTACTAGACTGTTTCAATTTCTCTGACATGTTTGTGAATGAATA
 AATAATTTGAACTTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_024637

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).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_024637.4 , NP_078913.3
RefSeq Size:	2561 bp
RefSeq ORF:	1461 bp
Locus ID:	79690
UniProt ID:	Q96RP7
Cytogenetics:	7q22.1
Protein Families:	Transmembrane
Gene Summary:	This gene encodes a member of the galactose-3-O-sulfotransferase protein family. The product of this gene catalyzes sulfonation by transferring a sulfate to the C-3' position of galactose residues in O-linked glycoproteins. This enzyme is highly specific for core 1 structures, with asialofetuin, Gal-beta-1,3-GalNAc and Gal-beta-1,3 (GlcNAc-beta-1,6)GalNAc being good substrates. [provided by RefSeq, Jul 2008]