

Product datasheet for **MC227013**

4930568D16Rik (NM_029463) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: 4930568D16Rik (NM_029463) Mouse Untagged Clone
Tag: Tag Free
Symbol: 4930568D16Rik
Synonyms: Ggta1l1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227013 representing NM_029463
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCAGTATAAAAAAGAAGCACTGTTGCTAATGCTGTTTGTCTGATTGCTGGCACTAACTCAACGTTCT
 CCTACTCCAGAACAAGGATCACCTACAGAAGATGTATGCCTGCTGGAAAGATCACTTAGAAGAACCTCA
 TCTCTCCACCTGGTTTGTCCAAAAAAGTCCTGATGTTATAGCAACAAGTGGTTGGCTCGCTCCAGTC
 TTATGGGAAGGAAGTACAACAGAGAAGTTCTAGAACAAATATTATAAGAGACTGAACATTACCATAGGCT
 TGGCTGCTTCGCTACTGGAACTTTTCAAAGAGCCCTGAGACGCTTCATAAAGTCTGCTGATAAGTA
 CTTTCATGGTGGGCTACAATGTTATTTTCTACATATTGGCTGACAGCACGTACAATCTACCATACTTTGAG
 TTGGGTCTCTTCGGACACTTAAAACATGGAGGCTATTTGAGGAAGAGATGTGTCAAGACTGTAATCTCA
 GAAACATGAATAACATGCATAGCAAAATCATACAGTGTATACAATATGAAGTCAACTTTCTTTCATGAT
 GGCTGTGAACCAGACCTCAAGAACAACCTTGGAGTAGAACTTGGGCAAACTGTAGCTCAACTCCAT
 GCATGGTGGTATTTTAAAAAGCCAGAGACTTCCCCTATGAGAGAAGAATAAATCTGCAGCTTTTCATCC
 CCTTTGAAAAAGGAGATTTCTATTACCACAGGGCCATTGTTGGCGGCACACCCCTAAACGCTTAAATCT
 AATTGAACAATATATAAAGGGAATTACAGATGACAACACAATAAAGTGTAGCACATTTGAAAGCCAC
 CTAATAAATATTTTTTATCAACAAACCCGCTAGGGTGTATACCAGAGTACAACCTGGACCCCAAGAT
 TTAACACTCTCCGAAATCAAGCACATTAAGATAGCTTGGAAACCA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029463
Insert Size: 960 bp



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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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_029463.1 , NP_083739.1
RefSeq Size:	1227 bp
RefSeq ORF:	960 bp
Locus ID:	75859
UniProt ID:	A2AUQ7
Cytogenetics:	2 B
Gene Summary:	Synthesizes the galactose-alpha(1,3)-galactose group by catalyzing the transfer of a galactose residue, with an alpha-1,3 linkage, on terminal lactosaminide (Gal-beta-1,4-GlcNAc-R) disaccharide borne by a glycoprotein or a glycolipid.[UniProtKB/Swiss-Prot Function]