

Product datasheet for **MC227651**

Slc37a4 (NM_001293631) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc37a4 (NM_001293631) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc37a4
Synonyms: 100043178; G6PT; G6pt1; GSD-1b; mG6PT
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC227651 representing NM_001293631
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCCCAAGGCTACGGCTACTATCGCACTGTCATATTTGCGGCCATGTTTGGAGGCTACAGCCTGT
ACTATTTCAACCGCAAACCTTCTCCTTTGTTCATGCCCTCCTTGGTGGATGAGATCGCTCTGGACAAGGA
CGATTTGGGGCTCATACAAGCAGCCAGTCGGCAGCCTACGCCATCAGCAAGTTTGTGAGCGGGTCTGT
TCAGATCAGATGAGCGCCGCTGGCTCTTCTCCTCTGGGCTGCTCCTGGTTGGTCTGGTCAACGTAGTCT
TCTCATGGAGCTCCACAGTGTACGCCTTTGCTGCTCTTTGGTTTCTTAATGGTCTGGCACAGGGGCTGGG
CTGGCCCCCTGTGGGAAGATCCTGAGGAAGTGGTTTGGACCATCCAGTTTGGCACTTGGTGGGCTGTG
TTGTCAACCAGCATGAACCTGGCTGGAAGTTTGGGACCTATCTTGGCAACGATCCTCGCCAGAGCTACA
GCTGGCGCAGCACACTGGCCCTGTCTGGGGCACTGTGTGTGGTTGTCTCCTTCTTCTGTCTGCTGCTTAT
CCACAATGAACCTGCTGATGTTGGACTCCGAAATCTGGACCCTGCCCCCTCAAGGGCAAAAAGGGCTCA
TCAAAGGAGGAGAGCACCTACAGGATCTGCTGCTGTCCCCTATCTCTGGGTGCTGTCCACTGGCTACC
TCGTGGTCTTCGGAGTAAAGACTTGCTGTACAGACTGGGGCCAGTCTTCCCTTATCCAGGAGCGAGGGCA
GTCCGCCCTTGTGGTAGCTCCTACATCAGTGCCCTCGAGGTCGGAGGCCTGTAGGAAGCATTGCAGCT
GGTTACCTGTGACAGGGCCATGGCGAAGGCAGGGCTGTCTCTGTATGGGAACCCTCGTACGGCCTAT
TGCTACTCATGATGGCTGGGATGGCAGCATCCATGTTCTCTTCCGAGTAACGGTGACCAGTGACTCACC
CAAGATCTGGATCCTGGTTTTAGGAGCCGTGTTTGGTTTCTTCTTATGGTCCCATTGCCTTGTGGGA
GTCATAGCCAATGAGAGTGCACCTCCCAACTTGTGTGGAACCTCTCATGCTATTGTGGGACTTATGGCCA
ATGTGGGTGGATTTCTGGCTGGCTTACCCTTCAGCACCATTGCCAAGCACTATAGCTGGAGCACAGCCTT
CTGGGTGGCAGAAGTGGTTTGTGGAGCCAGCACAGTTGTCTTCTTCTTGTCTCGAAATATCCGCACCAAG
ATGGGCCGAGTATCCAAGAAGGGAGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001293631
Insert Size:	1290 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).
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:	<u>NM_001293631.1, NP_001280560.1</u>
RefSeq Size:	2073 bp
RefSeq ORF:	1290 bp
Locus ID:	14385
Cytogenetics:	9 A5.2