

Product datasheet for **MC205231**

Slc37a4 (NM_008063) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc37a4 (NM_008063) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc37a4
Synonyms:	100043178; G6PT; G6pt1; GSD-1b; mG6PT
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC075655
 AGACTTGGGAAAGGAGGGGAAGGGCAAGCAGTCCTGGGGACCTCTCCTCCCCGGTTTGGCTCTCAGTAA
 CCTGTTTTCTGTCTCTCTCAGGACACTGGGTTCCCTGGTTGCTGCCCCAGGCTTAATGATTGTCCAGAA
 GGCGGCTATAAAGAGCCTGGGTGGAGGAGAGAGAAAAGCGCACAGAAAAACACAGCTCAGCAGATCCAGGC
 ACTAAAGAGAGCTAGCTGCAAGCAGGAGCAGTCAAGAATCTGTGGTCAGAAGTACTGGAGTGGGCCAGCA
 GGGCCAGCTTTTTCTACCATGGCAGCCCAAGGCTACGGCTACTATCGCACTGTCAATTTGCGGCCATGT
 TTGGAGGCTACAGCCTGTACTATTTCAACCGCAAACCTTCTCCTTTGTCATGCCCTCCTTGGTGGATGA
 GATCGCTCTGGACAAGGACGATTTGGGGCTCATACAAGCAGCCAGTCGGCAGCCTACGCCATCAGCAAG
 TTTGTGAGCGGGTTCTGTGATCAGATGAGCGCCCGTGGCTCTTCTCCTCTGGGCTGCTCCTGGTTG
 GTCTGGTCAACGTAGTCTTCTCATGGAGCTCCACAGTGTGAGCCTTTGCTGCTCTTTGGTTTCTTAATGG
 TCTGGCACAGGGGCTGGGCTGGCCCCCTGTGGGAAGATCCTGAGGAAGTGGTTTGGCCATCCCAGTTT
 GGCACCTTGGTGGGCTGTGTTGTCAACCAGCATGAACCTGGCTGGAAGTTTGGACCTATCTTGGCAACGA
 TCCTCGCCAGAGCTACAGCTGGCGCAGCACACTGGCCCTGTCTGGGCACTGTGTGTTGTCTCCTT
 CTTCTGTCTGCTTATCCACAATGAACCTGCTGATGTTGGACTCCGAAATCTGGACCCTGCCCTCC
 AAGGGCAAAAAGGGCTCATCAAAGGAGGAGAGCACCCCTACAGGATCTGCTGCTGTCCCCCTATCTCTGGG
 TGCTGTCCACTGGCTACCTCGTGGTCTTCGGAGTAAAGACTTGCTGTACAGACTGGGGCCAGTTCTTCTCT
 TATCCAGGAGCGAGGGCAGTCCGCCCTTGTGGGTAGCTCCTACATCAGTGCCTCGAGGTCGGAGGCCTT
 GTAGGAAGCATTGCAGCTGGTTACCTGTGAGACAGGGCCATGGCGAAGGCAGGGCTGTCTCTGTATGGGA
 ACCCTCGTACGGCCTATTGCTACTCATGATGGCTGGGATGGCAGCATCCATGTTCTCTCCGAGTAAC
 GGTGACCAGTGACTCACCCAAGATCTGGATCCTGGTTTTAGGAGCCGTGTTTGGTTTCTTCTTATGGT
 CCCATTGCCTTGTGGAGTCAAGCCAATGAGAGTGCACCTCCCAACTTGTGTGGAACCTCTCATGCTA
 TTGTGGGACTTATGGCCAATGTGGTGGATTTCTGGCTGGCTTACCCTTACAGCACCATTGCCAAGCACTA
 TAGCTGGAGCACAGCCTTCTGGGTGGCAGAAGTGGTTTTGTGGAGCCAGCACAGTTGTCTTCTTCTGCT
 CGAAATATCCGCACCAAGATGGGCCGAGTATCCAAGAAGGAGAGTGAATCGAGTCTCGCTATGGAGCA
 TCCCAACTGCAGCCTTACTGGCAGGACACGAAAGGAGAGCGGCTGCTCTGGCTAACACAGAACCTTTA
 CGTTTCTGTGCTCCACTGTCTCTGAACTCCATGGTGTGCAAGTTACCAAGTGGCTAATGAGGTCCC
 GACTCCCATCCCATGCTCTATTTAAAAATGATGATGTTTGGTTCTAGACTCCATCAGCTTCTGTTTCTACC
 TTCTGGCAGACAGGCAACTCCTGAATTCAGAGTGTCTCCTATACCCTTCTTCTTCTCCTAGGCTCTGATC
 TCCTAGTGAGTATTAATGGCCTGTGGTTTCTGCTGTACCCCAAGGCTTCTTGGCAGGGGGCAAAATTGTT
 GCCAATACCTCAGTCCCTAAGGGAGGAGGAGTCCACCCTCTCATGAATACCCTGGGACAAAAGGGAA
 GAATATAGAGGGCAACCGACTTGTATAGATCAATAAAGCTAGATTTGATACTAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA

Restriction Sites: Ascl-NotI

ACCN: NM_008063

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).

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: [BC075655](#), [AAH75655](#)

RefSeq Size: 2109 bp

RefSeq ORF: 1290 bp

Locus ID: 14385

Cytogenetics: 9 A5.2