

Product datasheet for **MC203825**

Slc12a1 (NM_183354) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc12a1 (NM_183354) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc12a1
Synonyms:	Al788571; D630042G03Rik; mBSC1; Nkcc2; urehr3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC016888

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CTGGATGGGGCGCAGCCTTGAGGACCATTCTGAAGTTTGCATGGGAGACCACATATCAACAATACATCAG
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Restriction Sites:

RsrII-NotI

ACCN:

NM_183354

Insert Size:

3288 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC016888 , AAH16888
RefSeq Size:	4650 bp
RefSeq ORF:	3288 bp
Locus ID:	20495
UniProt ID:	P55014
Cytogenetics:	2 61.23 cM
Gene Summary:	Electrically silent transporter system. Mediates sodium and chloride reabsorption. Plays a vital role in the regulation of ionic balance and cell volume.[UniProtKB/Swiss-Prot Function]