Product datasheet for RN206578

Slc17a8 (NM_153725) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc17a8 (NM_153725) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Slc17a8
Synonyms:	Vglut3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
ACCN:	NM_153725
Insert Size:	1767 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:	NM_153725.1, NP_714947.1
RefSeq Size:	3172 bp
RefSeq ORF:	1767 bp

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Locus ID:	266767
UniProt ID:	Q7TSF2
Cytogenetics:	7q13
Gene Summary:	has glutamate transporter activity; may play a role in glutamate transport in synaptic vesicles of cholinergic and serotoninergic neurons [RGD, Feb 2006]