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Product datasheet for SC329539

SLC28A3 (NM_001199633) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC28A3 (NM_001199633) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC28A3
Synonyms:	CNT3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	SgfI-MluI
ACCN:	NM_001199633
Insert Size:	2076 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:	NM_001199633.1

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RefSeq Size:	4627 bp
RefSeq ORF:	2076 bp
Locus ID:	64078
UniProt ID:	Q9HAS3
Cytogenetics:	9q21.32-q21.33
Protein Families:	Transmembrane
MW:	76.9 kDa
Gene Summary:	Nucleoside transporters, such as SLC28A3, regulate multiple cellular processes, including neurotransmission, vascular tone, adenosine concentration in the vicinity of cell surface receptors, and transport and metabolism of nucleoside drugs. SLC28A3 shows broad specificity for pyrimidine and purine nucleosides (Ritzel et al., 2001 [PubMed 11032837]). [supplied by OMIM, Mar 2008] Transcript Variant: This variant (1) represents the longest transcript. Variants 1 and 2 both encode the same protein.

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