

Product datasheet for SC322715

Monocarboxylate transporter 14 (SLC16A14) (NM_152527) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Monocarboxylate transporter 14 (SLC16A14) (NM_152527) Human Untagged Clone
Tag:	Tag Free
Symbol:	Monocarboxylate transporter 14
Synonyms:	MCT14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for SC322715

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GAACGAGCATGAAGATTTGAAATTGCTCCGATTGGAAGGAAGCCAGGTTAGGTTTGGGC
ACCTCCAAACGCACCCGTTTTAAAGCCACCTGGACTGAGGCGTCGAGCTTTCAGCTCCAC
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TTGTATATTTATCATGTGCTTTATCGTTTTCCCTCATGTATCCAAGTAATTTTTATT
TACATACAATAAATAAATGTTGCTCTTTGAAAAAAAAAAAAAAAAA

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Restriction Sites:

Please inquire

ACCN:

NM_152527

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_152527.3</u> , <u>NP_689740.2</u>
RefSeq Size:	4307 bp
RefSeq ORF:	1533 bp
Locus ID:	151473
UniProt ID:	<u>Q7RTX9</u>
Cytogenetics:	2q36.3
Protein Families:	Transmembrane
Gene Summary:	Proton-linked monocarboxylate transporter. May catalyze the transport of monocarboxylates across the plasma membrane.[UniProtKB/Swiss-Prot Function]