

Product datasheet for **MC226821**

Slc25a14 (NM_001290703) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slc25a14 (NM_001290703) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slc25a14
Synonyms: BMCP1; UCP5; UCP5L; UCP5S
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226821 representing NM_001290703
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGGTCTGAACTGGAAACCTTTTGTGTATGGCGCCTTGCCTCTATTGTTGCCGAGTTCGGCACTT
TCCCTGTGGATCTTACTAAAACACGGCTGCAAGTCCAAGGCCAGAGTATCGATGTTTCGTTTCAAAGAAAT
AAAATATAGAGGGATGTTTCATGCCTTGTCCGAATCTATAAAGAAGAAGGGATCTTGGCTCTGTATTCA
GGAATTGCCCTGCGTTACTAAGACAGGCATCATATGGCACCATCAAATTTGGTATTTATCAAAGCTTGA
AGCGATTATTTGTAGAACGTTTGAAGATGAGACTCTCCTAATTAACATGATCTGTGGGGTAGTGTCAAG
AGTGATTTCTCTACTATTGCCAATCCCACTGATGTTCTAAAGATTGCAATGCAGGCTCAAGGAAGTTT
TTCCAAGGGAGCATGATTGGCAGCTTCAATGACATATACCAGCAAGAAGGTACCAGGGTCTGTGGAGGG
GTGTGGTCCCACTGCTCAGCGTCTGCAATCGTTGTGGGAGTAGAGCTGCCCGTTTATGATATTACCAA
GAAGCACCTGATAGTTTCAGGAATGCTGGGAGACACAATTTAACACACTTTGTTCCAGTTTCACTGT
GGTTTGGCTGGGCTCTGGCATCTAACCTGTGGATGTGGTGAAGTGAATGATGAATCAGAGGGCAA
TAGTGGGACATGTGGACCTCTACAAGGTAATTTGGATGTTTAAAGATGTGGAAGCATGAGGGATT
TTTTGCACTCTATAAAGGATTTTGGCCAACTGGCTTCGACTTGGACCCTGGAACATCATTTTTTTTATT
ACCTATGAGCAGCTCAAGAGCTTCAGATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001290703
Insert Size: 873 bp



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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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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_001290703.1</u> , <u>NP_001277632.1</u>
RefSeq Size:	1866 bp
RefSeq ORF:	873 bp
Locus ID:	20523
Cytogenetics:	X 25.69 cM
Gene Summary:	Participates in the mitochondrial proton leak measured in brain mitochondria. [UniProtKB/Swiss-Prot Function]