

Product datasheet for MC218237

Slc25a14 (NM_001166450) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Slc25a14
Synonyms:	BMCP1; UCP5; UCP5L; UCP5S
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC218237 representing NM_001166450 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGTATCTTTCCCGAATAATCCTAATTTTTCTAAGGGTGAAGTTTGAACGCGCGCAGTGATTGTAA
GCGGACATCAGAAAAGTTCCACTTTAAGCCATGAGATGTCTGGTCTGAACGGAAACCTTTTGTGTATGG
CGGCCTTGCTCTATTGTTGCCGAGTTCGGCACTTCCCTGTGGATCTTACTAAACACGGCTGCAAGTC
CAAGGCCAGAGTATCGATGTTCTGTTTCAAGAAATAAATATAGAGGGATGTTTCATGCCTTGTTCCGAA
TCTATAAAGAAGAAGGATCTTGGCTCTGTATTCAAGGAATTGCCCTGCGTTACTAAGACAGGCATCATA
TGGCACCATCAAAATTGGTATTTATCAAAGCTTGAAGCGATTATTTGTAGAACGTTTGAAGATGAGACT
CTCCTAATTAACATGATCTGTGGGTAGTGTCAAGGAGTATTTCTCTACTATTGCCAATCCCACTGATG
TTCTAAAGATTGCAATGCAGGCTCAAGGAAGTTTGTTCGAAGGAGCATGATTGGCAGCTTCATTGACAT
ATACCAGCAAGAAGGTACCAGGGGTCTGTGGAGGGGTGTGGTCCCAACTGCTCAGCGTGCTGCAATCGTT
GTGGGAGTAGAGCTGCCGTTTATGATATTACCAAGAAGCACCTGATAGTTTCAGGAATGCTGGGAGACA
CAATTTTAACACACTTTGTTTCAGTTTCACCTGTGGTTTGGCTGGGGCTCTGGCATCTAACCTGTGGA
TGTGGTGAGAACTCGAATGATGAATCAGAGGGCAATAGTGGGACATGTGGACCTCTACAAGGGTACTTTG
GATGGTATTTTAAAGATGTGGAAGCATGAGGGATTTTGTCACTCTATAAAGGATTTTGCCAAACTGGC
TTCGACTTGGACCCTGGAACATCATTTTTTTTATTACCTATGAGCAGCTCAAGAGGCTTCAGATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001166450



Insert Size:	978 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:	<u>NM_001166450.2</u> , <u>NP_001159922.1</u>
RefSeq Size:	1677 bp
RefSeq ORF:	978 bp
Locus ID:	20523
UniProt ID:	<u>Q9Z2B2</u>
Cytogenetics:	X 25.69 cM
Gene Summary:	Participates in the mitochondrial proton leak measured in brain mitochondria. [UniProtKB/Swiss-Prot Function]