

Product datasheet for **RN203138**

S100a4 (NM_012618) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	S100a4 (NM_012618) Rat Untagged Clone
Tag:	Tag Free
Symbol:	S100a4
Synonyms:	18A2; 42A; CAPL; MTS1; P9ka; PEL98; RNP9KA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203138 representing NM_012618 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAGACCCTTGAGGAGGCCCTGGATGTAATAGTGTCCACCTCCACAAATACTCAGGCAACGAGG
GTGACAAGTTCAAGCTGAACAAGACAGAGCTCAAGGAGCTACTGACCAGGGAGCTGCCTAGCTTCTGGG
GAGAAGGACAGACGAAGCTGCATTCCAGAAGCTGATGAACAATTGGACAGCAACAGGGACAATGAAGTT
GACTTCCAGGAGTACTGTGTCTTCTGTCTGCATTGCCATGATGTGCAATGAATCTTTGAGGGCTGCC
CAGATAAGGAGCCCCGAAGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012618
Insert Size:	306 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).



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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_012618.2](#), [NP_036750.1](#)

RefSeq Size: 486 bp

RefSeq ORF: 306 bp

Locus ID: 24615

UniProt ID: [P05942](#)

Cytogenetics: 2q34

Gene Summary: may play a role in regulation of cell growth and differentiation [RGD, Feb 2006]