

Product datasheet for MC210135

Slurp1 (NM_020519) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slurp1 (NM_020519) Mouse Untagged Clone
Tag: Tag Free
Symbol: Slurp1
Synonyms: 1110021N19Rik; AI415082; ARS; ArsB; Slurp-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210135 representing NM_020519
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACCCTTCGCTGGCCATGTGGCTGCTGCTCTTGGCAGCCTGGAGCATGGGCTATGGTGAGGCCCTTCC
GATGCTATACCTGTGAGCAGCCACGGCCATTAACCTCATGCAAGAATATTGCTCAGTGCAAGATGGAAGA
CACAGCCTGTAAGACTGTACTGGAGACAGTGGAAGCAGCGTCCCTTCAACCACAGTCCCATGGTGACC
CGCTCCTGCTCCAGCTCGTGTCTGGCCACCGACCCTGATGGCATTGGCGTTGCCATCCTGTCTTCTGTT
GCTTCCGTGACCTCTGCAACTCAGGGTTTCCAGGCTTCGTGGCAGGCCTCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_020519

Insert Size: 333 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_020519.1](#), [NP_065265.1](#)

RefSeq Size: 525 bp

RefSeq ORF: 333 bp

Locus ID: 57277

UniProt ID: [Q9Z0K7](#)

Cytogenetics: 15 D3

Gene Summary: Has an antitumor activity. Was found to be a marker of late differentiation of the skin. Implicated in maintaining the physiological and structural integrity of the keratinocyte layers of the skin. In vitro down-regulates keratinocyte proliferation; the function may involve the proposed role as modulator of nicotinic acetylcholine receptors (nAChRs) activity. In vitro inhibits alpha-7-dependent nAChR currents in an allosteric manner (By similarity). In T cells may be involved in regulation of intracellular Ca(2+) signaling (PubMed:17286989). Seems to have a immunomodulatory function in the cornea. The function may implicate a possible role as a scavenger receptor for PLAUI thereby blocking PLAUI-dependent functions of PLAUI such as in cell migration and proliferation (PubMed:23139280, PubMed:25168896). [UniProtKB/Swiss-Prot Function]