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Product datasheet for MC219107

Slc30a9 (NM_178651) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc30a9 (NM_178651) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc30a9
Synonyms:	2310024J23Rik; AL024256; GAC63; HUEL; znT-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC219107 representing NM_178651
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTCCGGGCTTGGCCGCCGCCGCCGCGGCGCACAGGTGCAGCTGGGCGGCGCTGTGCAGGCTCGGTG
GCGGCCGGGCAGCGACCCGCGGCCGCAGCCAGGGATGGAAGAATGTAATGACATTTGAAAGCTTTACATA
TGTGGTTCCCGACATTCACCCACATTTATCTATTATAAATCAAGTCAAGTTGTACTCTACGAATGTCCAG
AAAGGAGGGCAGGGCTCACAGACTCCAAAAGCTGACAAAGTCCCATCACTTACACAAACAGTAGAAAATA
TAGGCGCAGAACTCAAAGCTCCACTTAAGCAAGACCCTCTCCAAGTAAGAGTCAAAGCAGTCCTTAAGAA
AAGGGATTATGGATCAAAATACACTAAGAATAATTTCATCACTGGAGTGAGAGCAATAAACGAGTTCTGC
CTTAAGTCCAGTGATTTAGAACAACTTCGAAAAATCAGGCGGCGAAGTCCCCACGATGACACCGAGTCCT
TTACTGTGTTCTTGAGGTCAGATGTGGAAGCAAAAGCTTTGGAAGTTTGGGGAAGCCTTGAAGCTCTTGC
CAGAGAGAAAAAATTGCGTAAAGAAGCAGAAATAGAATACAGAGAACGGCTATTTAGAAACCAAAGAATA
TTAAGAGAATATGGTGATTTCTTGGGAAACACAAAGCCACGTTCCAGAGCGGTCTCAGTGTTCCTTAAGG
GACCAGGAAAAGTGGTCATGGTTGCTATTTGCATTAATGGCTTAAACTGCTTCTTTAAATTTCTTGCCTG
GATTTATACGGGTTCAGCAAGTATGTTCTCAGAAGCTATACACTCATTATCTGATACTTGTAACCAGGGC
TTGCTAGCACTGGGCATCAGCAAATCTGTTCAAACACCAGATCCTTCTCACCCGTACGGCTTTTCAAATA
TGCGCTATATTTCTTCATTGATTAGTGGTGTTGGTATTTTCATGATGGGCGCAGGACTCTCTTGGTATCA
TGGAATCATGGGATTACTTCATCCTCAACCAATGGAATCCCTGCTATGGGCATATTGTATTTTAGCAGGA
TCTTTGGTGTCTGAAGGAGCAACACTTCTCGTTGCCATAAATGAACTTCGCAGGAGCGCGCAGGCCAAGG
GCACGACATTTTATAAGTATGTCATGGAAAGTCGTGATCCGAGTACAAATGTTATTCTATTGGAGGACAC
TGCAGCTGTCTTAGGAGTGATAATAGCGGCTACCTGCATGGGCCTTACCTCCATAACAGGCAATCCACTG
TATGACAGCCTGGGTTCCTTGGGTGTAGGCACCTTACTAGGTGTGGTCTCGGCATTCCTCATCTATACCA
ACACAGAAGCACTCCTAGGACGCTCCATCCAACCGGAGCAAGTGCAGCGGCTTACTGAACTCCTGGAGAG
CGACCCGTCAGTAAGGGCAATCCATGATGTTAAAGCCACAGATTTGGGATTAGGGAAAGTCAGATTTAAG
GCAGAAGTTGATTTTGATGGACGAGTTGTTACGAGATCATATTTGGAAAAGCAAGATTTTGACCAAATGA
TGCAAGAAATTCAAGAAGTGAAGACTCCTGAACAATTAGAAGCCTTTATGCTTAAACATGGAGAAAATAT
TATTGATACTCTAGGAGCTGAAGTAGACAGACTTGAGAAAGAGCTGAAAAAACGAAACCCTGAAGTTCGG
CACGTAGACCTTGAGATCCTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_178651

Insert Size: 1704 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_178651.4, NP_848766.2
RefSeq Size:	3410 bp
RefSeq ORF:	1704 bp
Locus ID:	109108
UniProt ID:	Q5IRJ6
Cytogenetics:	5 C3.1
Gene Summary:	Acts as a zinc transporter involved in intracellular zinc homeostasis (By similarity). Functions as a secondary coactivator for nuclear receptors by cooperating with p160 coactivators subtypes (PubMed:15988012). Plays a role in transcriptional activation of Wnt-responsive genes (PubMed:17344318).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).

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