

Product datasheet for **MR219309**

Slc30a4 (NM_011774) Mouse Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Slc30a4 (NM_011774) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Slc30a4 |
| Synonyms: | Im; znT-4; Znt4 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR219309 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCGGCCCCGGCGCTGGAAGCGCCTCAAATCCCTGCTGAGGAAGGACGACACGCCGCTGTTCTTAA
 ATGACACCAGCGCTTCGACTTCTCGGACGAGGTGAGCGACGAGGGGCTTTCGCGCTTTAATAAACTTCG
 AGTCGTGGTGGCCGACGATGACTCGGAAGCCCCGAAAGGCTGTGAACGGGGCGCACCCGGCCCTCCAG
 GCCGACGATGACTCCTTATTGGACCAGGACTTACCTTTAACCAACAGTCAGCTGAGTTTGAAATGGACC
 CCTGTGACAACTGCAGCAAGCGGCGGAGTTGCTGAAGCAGAGGAAGGTGAAGACCAGGCTGACCATCGC
 TGCCGCTCTACTTGTCTTTTCATGATCGGAGAGCTTGTAGGTGGATACATGGCAAATAGCTTAGCAATT
 ATGACAGATGCACTCCATATGCTAACTGACCTTAGTGCCATCATACTCACTCTGCTTGTGTTGGCTGT
 CCTCAAAGTACCAACCAGAAGATTCACCTTTGGATTTTCATCGCCTAGAGGTTTTGTGCGCCATGATCAG
 TGTAATGCTGGTGTATGTAATAATGGGATTCCTCTTATATGAGGCTGTGCAGAGAACCATCCATATGAAC
 TATGAAATAAACGGCGATGTCATGCTCACTGCAGCTGTTGGAGTTGCAGTTAATGTAATAATGGGGT
 TTCTGTTGAACAGTCCGGTCAACCATTCTCACGCTCATTCCCACTCCCTGCCTTCAAATTTCCCAAG
 CATGGTATCTAGTGGACACAACCATGGGCAGGACAGCTTGGCAGTGAAGAGCTGCATTTGTACACGCCCTTG
 GGAGACTTGGTACAAAGTGTGGTGTGCTTATAGCTGCATACATCATAACGATTCAAGCCAGAATAACAAGA
 TTGCTGATCCCATCTGTACGTATATATTTTCATTGCTTGTGGCTTTCACAACGTTTCGCATCATATGGGA
 CACAGTAGTGATAATCCTGGAAGGTGTACCAAGCCATTTGAATGTAGATTATATCAAAGAGTCGTTGATG
 AAAATAGAAGATGATATTTCTGTGGAAGATTTGAATATCTGGTCTCTCACTTCTGAAAAATCCACTGCCA
 TAGTTCACATGCAGCTAATTCTGGAAGTTCATCTAAATGGGAAGAAGTACAGTCCAAAGCTAAGCATT
 ATTACTGAACACGTTTGGCATGTACAAATGCAGTATTCAGCTCCAGAGTTACAGACAAGAAGTGTACAGA
 ACTTGTGCAAATTGTCAGAGTTCAGTACC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR219309 protein sequence
 Red=Cloning site Green=Tags(s)

MAGPGAWKRLKSLLRKDDTPLFLNDTSADFSDSEVSDEGLSRFNKLRVVVADDSEAPERPVNGAHPALQ
 ADDDSLDDQDLPLTNSQLSLKMDPCDNC SKRRELLKQRKVKTRLTIAAVLYLLFMIGELVGGYMANSLAI
 MTDALHMLTDL SAIIL TLLALWLSKSPTRRFTFGFHRLEVL SAMISVMLVYVLMGFLL YEAVQRTIHMN
 YEINGDVMLITAAVGAVNVIMGFLLNQSGHHHSHAHSHSLPSNSPSMVSSGHNHGQDSLAVRAAFVHAL
 GDLVQSVGLIAAYIIRFKPEYKIADPICTYIFSLLVAF TTFRIIWDTVVIILEGVPSHLNVDIKESLM
 KIEDVYSVEDLNIWSLTSGKSTAIVHMQLIPGSSSKWEEVQSKAKHLLNNTFGMYKCTIQLQSYRQEVIR
 TCANCQSSST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

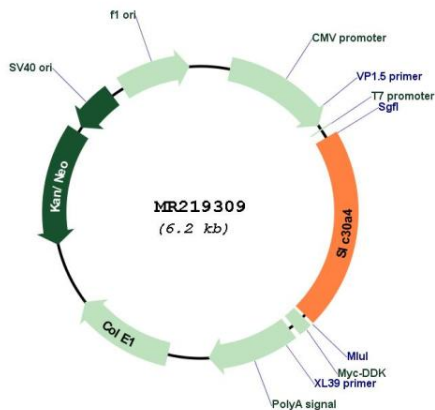
Restriction Sites:

SgfI-MluI

MW: 47.8 kDa

Gene Summary: Probably involved in zinc transport out of the cytoplasm, may be by sequestration into an intracellular compartment.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR219309