

Product datasheet for MR202258

Slc25a30 (BC022676) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc25a30 (BC022676) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc25a30
Synonyms:	4933433D23Rik; AV025504; AV221431; AW319655; KMCP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202258 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTCAGCCCTCAACTGGAAGCCCTTTGTGTATGGAGGGCTGGCCTCCATCACAGCAGAATGCGGCACAT
 TTCCAATTGATTTAACTAAGACACGGCTTCAGATTCAAGGCCAGACAAATGATGCCAACTCCGAGAGAT
 CAGGTACCGAGGCATGCTGCACGCGCTGATGAGGATAGGCCGAGAAGAAGGCCTGAAGGCGCTGTATTCA
 GGGATTGCACCCGAATGCTGCGCCAGGCCTCCTATGGAACCATCAAGATCGGCACGTACCAGAGCCTGA
 AGCGGTTAGCTGTGGAACGCCCAGAAGATGAAACCCTGCTGGTCAATGTTGTGTGTGGAATTCTGTCTGG
 AGTCATATCCTCAGCTATTGCTAATCCGACTGATGTTTTGAAAATCCGAATGCAAGCACAGAACAGCGCT
 GTTCAAGGAGGCATGATAGACAGCTTCATGAGCATTTACCAGCAGGAGGGGACTAGAGGACTGTGGAAGG
 GTGTGTCCCTCACAGCCAGAGGGCAGCCATTGTGGTCCGCGTGGAGCTTCCAGTCTATGACATCACCA
 GAAGCACCTGATACTCTCAGGCCTGATGGGAGACACTGTCGCAACGCATTTTCTGTATGTTTATGGATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR202258 protein sequence Red=Cloning site Green=Tags(s)
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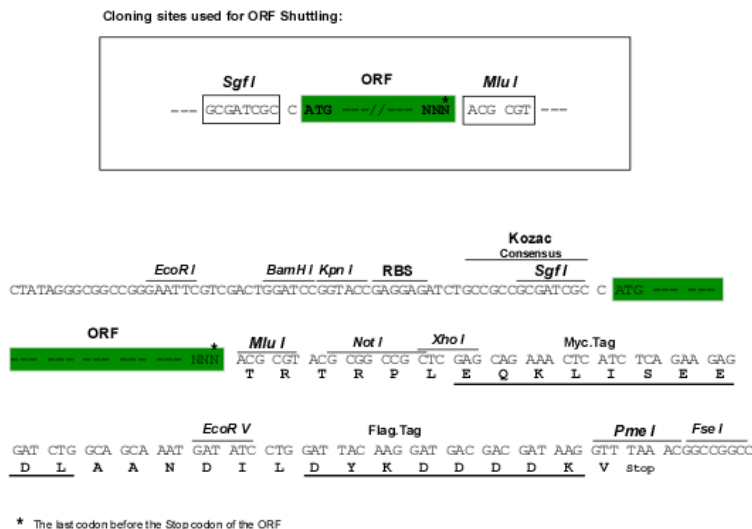
MSALNWKPFVYGLASITAECGTFPIDLTKTRLQIQGTNDANFREIRYRGMHLALMRIGREEGLKALYS
 GIAPAMLRQASYGTIKIGTYQLKRLAVERPEDETLLVNVVCGILSGVISSAIANPTDVLKIRMQAQNSA
 VQGMIDSFMSIYQQEGRGLWKGVSLETAQRAAIVVGVELPVYDITKKHLILSGLMGDTVATHFLVYVG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: Sgfl-MluI

Cloning Scheme:



ACCN: BC022676

ORF Size: 630 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

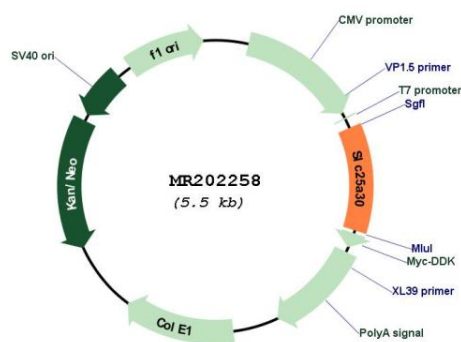
RefSeq: [BC022676](#), [AAH22676](#)

RefSeq Size: 1222 bp

RefSeq ORF: 632 bp

Locus ID: 67554
 Cytogenetics: 14 D3
 MW: 23 kDa
 Gene Summary: Probable transporter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202258