

Product datasheet for **MR220738**

Slc35f3 (NM_175434) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc35f3 (NM_175434) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slc35f3
Synonyms:	B230375D17Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR220738 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGAAGCACTCGGCCAGGGTGGCCCCGCTCAGCGCCTGCAACAGTCCGGTCCTGACCCTCACCAAAG
 TGGAAAGGGAGGAGCGCCCCGGGAGCCCCGGGCCCTGCAGAGGCCAGGCGCCAGCTGGGACAGAGGC
 TGGTGGGAGGACAAGCCGGCACAACTGGACATGTTCTCAGGAGCGGCTCAAGAAGGTCTTCTGGGTGTG
 GCTGTCTGTGCTGCGCTCTGGGCCGGCTCCACGAGCTCGCCAGGCTGACTTTCAAGACCT
 TCGACGCACCGTTACCCTGACGTGGTTTGCCACCAACTGGAACTTTCTGTTCTTCCATTGTACTACGC
 AGGACATGTGTGCAATCCACAGAGAAGCAGTCTATGAAACAGAGATACAGGGAATGCTGTCGGTTCTTT
 GGAGACAATGGCTTGACTCTGAAAGTGTCTTTACCAAGGCAGCACCTTTTGGTGTCTTTGGACTCTCA
 CAACTACCTGTACTTACACGCAATAAAGAAGATAAACGCCACAGACGTCTCCGCTCTGTCTGCTGCAA
 CAAATCATTTGTTTCTGCTGCTGGATTGTTCTCAGGACAGATTGATGGGAGTGAGGATCGTGGCC
 GCCATCCTTGCCATCGCTGGCATTGTCTGATGACCTATGCCGATGGCTTCCACAGTCACTCAGTCATTG
 GCATAGCCCTGGTGGTGGGCTCTGCTTCCATGTGAGCCCTTTACAAGTTCTGTTCAAGCTGCTGCTGGG
 CAGCGCCAAGTTCGGAGAAGCGGCCTATTCTGTCCATCTTGGGTGTGTTCAACATCCTCTTATCACC
 TGCATCCCCGTCATCCTCTATTTACCAGGGTGGAGTACTGGAACCTTCGACGACATTCCATGGGGAA
 ACCTCTGTGGGTTTTCCATTCTCTATTGACATTCAATATTGTATTAAATTTGGAATTGCTGTACAGTA
 TCCACGCTGATGTCTCTTGAATTGTCTCAGTGTACCTGTAATGCAGTGGTCGATCACTACACCACT
 CAGATAGTCTTCAACGGGGTCCGGGTATCGCCATCATCATTATCGGCCCTGGGCTTCTCTCTCTGCTCC
 TTCCAGAAGAGTGGGATGTCTGGTTGATCAAGTTGCTCACCCGCTCAAAGTGAGGAAGAAGGAGGAGAC
 AGCAGAGAGCAGCGGGGACTTGGGCACGGGTCCCAGAGCAGGAGCAGAAGAGCCCGCCATCCTTCGCT
 CGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR220738 protein sequence
 Red=Cloning site Green=Tags(s)

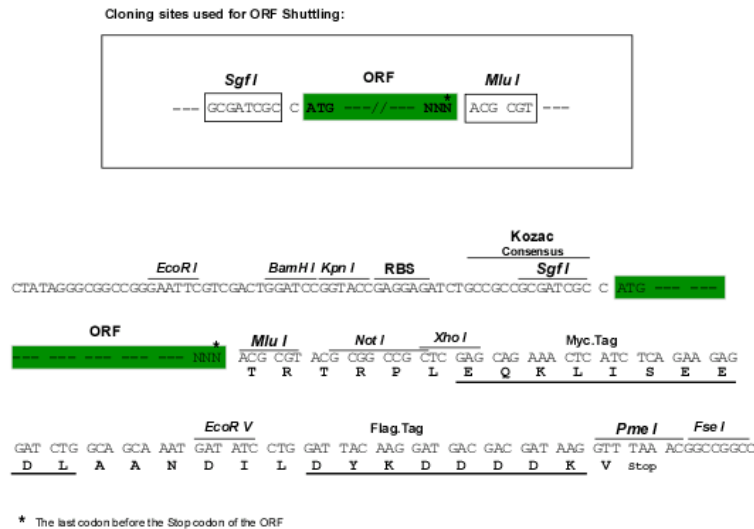
MKKHSARVAPLSACNSPVLTLTKVEGEERPREPPGPAEAQAPAGTEAGGRTSRHNWTCQSERLKKVFWGV
 AVVFCVCASWAGSTQLARLTFKTFDAPFTLTWTFATNWNFLFFPLYAGHVCKSTEQSMKQRYRECCRFF
 GDNGLTLKVFFTKAAPFGVLWLTNLYLHAIKKINATDVSVLFCCNKSFVLLSWIVLRDRFMGVRIVA
 AILAIAGIVMMTYADGFHSHSVIGIALVVGASMSALYKVLFKLLLSAKFGAALFLSILGVFNILFIT
 CIPVILYFTRVEYWNFSDDIPWGNLCGFSILLTFNIVLNFGIAVTYPTLMSLGIVLSVPVNAVVDHYTS
 QIVFNGVRVIAIIIGLGFLLLLLPEEWDVWLKLLTRLKVRKKEETAESSGDLGTGPQSRRRARPSFA
 R

TRTRPLE**QKLISEEDLA**AND**ILDYKDDDDK**V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_175434

ORF Size: 1263 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: [NM_175434.3](#), [NP_780643.2](#)

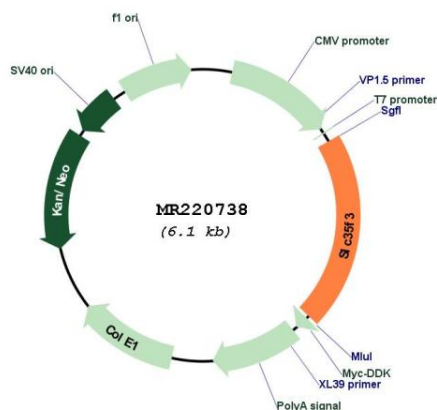
RefSeq Size: 2784 bp

RefSeq ORF: 1266 bp

Locus ID: 210027

UniProt ID: [Q1LZ12](#)
 Cytogenetics: 8 E2
 MW: 46.9 kDa
 Gene Summary: May be a thiamine transporter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220738