

Product datasheet for RC203694

SLC35F2 (NM_017515) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F2 (NM_017515) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC35F2
Synonyms:	HSNOV1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC203694 representing NM_017515 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGCAGACTCGCCAGCGGGCCCCGGCGCCCCAGAGCCCCTCGCGGAGGGAGCGGGCCGAGTTCT
CCAGCCTGCTGCGCAGGATAAAAGGCAAACCTTCACCTGGAATATTTGAAAACAATTGCCCTGGGTCA
GATGTTGCTCTGTATATGTGGGACAGCCATCACCAGCCAGTATTTGGCAGAAAGATACAAAGTGAAC
ACCCCCATGCTTCAGAGCTTTATCAATTATTGCTTGTCTTCTAATTTATACAGTGATGCTGGCATTTC
GATCAGGCAGTGATAACCTTTTAGTAATCTTGAAAAGAAAATGGTGAAGTACATCCTGCTGGGACTAGC
AGATGTGGAAGCTAATTATGTGATCGTCAGAGCCTACCAGTACACAACCTAACCAGTGTCCAGCTTTG
GATTGCTTTGGGATTCTGTGTTGATGGCTCTGTATGTTTATCTTTCATGCAAGATACAGAGTATCC
ACTTCATCGCCGTGGCTGTCTGTCTGTTGGGTGTAGGAACCATGGTTGGTGCAGACATACTAGCAGGGAG
GGAAGACAATTCAGGGAGTGATGATTGATTGGTGACATCTTGGTCTTCTTGGGGCTTCCCTCTATGCC
ATTTCAAATGTTGTGAGGAATACATCGTGAAGAAGCTGAGCAGACAGGAGTTTTAGGAATGGTGGGCC
TGTTTGAACAATTATCAGTGGTATACAGCTATTGATTGTGGAATATAAGGATATTGCCAGCATTTCATG
GGACTGGAAAATTGCCCTGCTGTTCTGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCGTCG
TTGTTGGACTCTTCTGTTGGCTATAAGTTTTTCAGGACTCTACATCCTGTCTTCACTGTATCATCATGTT
GGGTTTTATCCTGTACTGCTCCACCCCTACTCGCACGGCCGAGCCGGCTGAAAGCAGCGTGCCTCCAGTC
ACCAGCATTGGGATTGACAACCTGGGGCTGAAGCTGGAGGAGAACCTCCAGGAGACCCACTCTGCTGTCT
TG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC203694 representing NM_017515
Red=Cloning site Green=Tags(s)

MEADSPAGPGAPEPLAEGAAAEFSSLLRRIKGLFTWNILKTIALGQMLSLCICGTAITSQYLAERYKVN
 TPMLQSFINYCLLFLIYTVMLAFRSGSDNLLVILKRKWKYILLGLADVEANYVIVRAYQYTTLSVQLL
 DCFGIPVLMALSWFILHARYRVIHFIAVAVCLLGVGTMGADILAGREDNSGSDVILGDILVLLGASLYA
 ISNVCEEYIVKKLSRQEFLLGMVGLFGTIIISGIQLLIVEYKDIASIHWDWKIALLFVAFALCMFCLYSFMP
 LVIKVTASVNLGILTADLYSLFVGLFLFGYKFSGLYLILSFTVIMVGFILYCSTPTRTAEPAESVPPV
 TSIgidnlglkleenlqethsavL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8112_f11.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017515

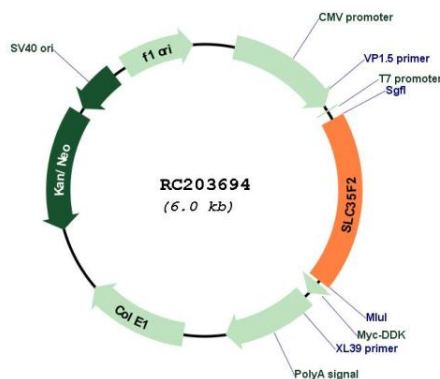
ORF Size: 1122 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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.
- RefSeq:** [NM_017515.5](#)
- RefSeq Size:** 3184 bp
- RefSeq ORF:** 1125 bp
- Locus ID:** 54733
- UniProt ID:** [Q8IXU6](#)
- Cytogenetics:** 11q22.3
- Domains:** DUF6
- Protein Families:** Transmembrane
- MW:** 41.2 kDa
- Gene Summary:** Putative solute transporter.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC203694