

## Product datasheet for **RC215780**

### SLC35F4 (NM\_001080455) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SLC35F4 (NM_001080455) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLC35F4
Synonyms:	C14orf36; c14_5373
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>RC215780 representing NM\_001080455  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGATGAACTACTCTTGATCTCTCCACAACTGACCAGTGGGAGGCAGCTGGCAGCAGCAATGGGC  
 TTTGCGGTATATCACATAAGGAACAGGAGGTATGGAAGCCAGGACATAATATTTTGTGAAAATGAGAAA  
 GGAAGATAAATCACTGGTGTGGCTTATACATTC AACACTTGCTCGCTACACACAAGTTACCAACTTTTTA  
 GGTACCTCCAGATCATCAGTCACTAGATGTAACCAGGAGCCAACTGCCCAAGTTCACACAGTGGCATCA  
 GTAGACAAGTGTCCCACTGTCTGTCCCGAAGATTCTCTGCTCCTATTCTTGAAGTTCAAACCAAGG  
 ATCCTCAGGAGTTTGTGGACACAGAGTTGAGAGACAGAACAGATCAGCAGACGATGGGACACAGACTCAT  
 TCTGAGAACAGCAGCCAAGAAAACAGAATCAAGGCTCGCTGCCTGTCTGCACGTCATGGTTCTGAAGG  
 GCATCTGGGGACTCTTGATCATCTTGTCTAGTATCATCATCTTGGGTTGAACTACACAGATTGAAAAAT  
 TACTTATAAGAAGTTCTATTGCCATTTTTTCATGACTTGGTTTTCAACAACTGGAACATTATGTTTTTC  
 CAGTCTATTATTCTGGTCACTAGCCACTGCTCAAGAAAAGCAATCTCCAATGAAAAAATTCAGGGAAAT  
 GCAGTCGGATTTTTGGTGAAGATGGTCTGACGCTGAAACTCTTTCTTAAAGAAGTCTCCCTTTTCTAT  
 TCTATGGACTTTGACTAATTACCTTTATTTACTGGCTTTAAAGAAGTGCAGGCCACGGATGTCTCCGCT  
 CTGTTCTGTTGTAACAAAGCCTTTGCTTCTTGTCTGTCATGGATTGTGCTGAAAGACAGGTTTATGGGAG  
 TGAGGATAGTTGCTGCAATAATGGCAATTACCGGCATTGTCTGATGGCATATGCAGATAATTTCCACGC  
 TGATCCATCATAGGAGTGGCATTGCGGTGGGCTCAGCCTCTACATCTGCATTATATAAGGCTTGTGTT  
 AAAATGTTTCTTGAAGTGCCAACTTTGGGAAGCTGCACACTTGTCTCCACCTTGGGTTCTTCAATT  
 TGATCTTCACTCTCTCCACCCAGTCACTTGTATTTTCAACAAGTGGAGCACTGGTCTCTTTTGGTGC  
 TCTGCCATGGGGCTGTCTGTGGGATGGCAGGGCTGTGGCTGGCCTTCAACATCCTGGTGAATGTTGGG  
 GTGGTGTGACATACCAATCCTAATCTCCATTGGGACAGTGTCTCAGCGTTCCTGGAAATGCAGCTGTGG  
 ATCTCCTAAAGCAGGAGGTGATTTCAATGTTGTCCGCCTGGCTGCTACCATCATCATCTGCATTGGGTT  
 TCTGCTGATGCTGTTGCCTGAGGAATGGGATGAAATCACCTGAGGTTTCAACAGCCTGAAGGAAAAAG  
 AAGAGTGAGGAGCATGTGGATGATGACTGATCCAGCATACACCTGCGGGGCAGAGGCAGAGCCAATG  
 GGACAGTGTCTATACCACTGGCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC215780 representing NM\_001080455  
 Red=Cloning site Green=Tags(s)

MDELLLDL FHKL TSGRQLAAGNLCGISHKEQEVWKP GHNILVKMRKEDKSLVWLIHSTLARYTQVTNFL  
 GTSRSSVTRCKPGANCPSSHSISRQLSPLSVTEDSSAPILELQNGSSGVC GHRVERQNRSADDTQTH  
 SENSSQENRIKARCL SCTSMVLKGIWGLLIILSVSSSWGTTQIVKITYKNFYCPFFMTWFS TNWNIMFF  
 PVYYSGHLATAQEKQSPMKK FRECSRIFGEDGLTLKFLKRTAPFSILWTL TNYLYLLALKKL TATDVSA  
 LFCCNKAFVLLSWIVLKDRFMGVRIVAAIMAITGIVMMAYADNFHADSIGVAFVAVGSASTSALYKVL  
 KMFLGSANFGEAAHFVSTLGFNLI FIFSTPVILYFTKVEHWSSFAALPWGCLCGMAGLWLA FNILVNVG  
 VVLTYPILISIGTVLSVPGNAAVDLLKQEVIFNVVRLAATIIICIGFLLMLLPEEWEITLRFINSLKEK  
 KSEEHVDDVTDP SIHLRGRGRANGTVSIPLA

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8005\\_e04.zip](https://cdn.origene.com/chromatograms/mk8005_e04.zip)

**Restriction Sites:**

Sgfl-Mlul

Cloning Scheme:



ACCN: NM\_001080455

ORF Size: 1563 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\\_001080455.1](#), [NP\\_001073924.1](#)

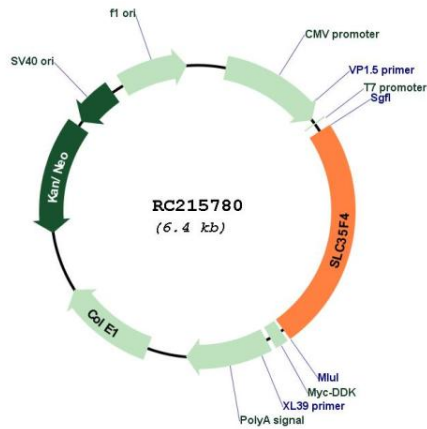
RefSeq Size: 1779 bp

RefSeq ORF: 1565 bp

Locus ID: 341880

Cytogenetics: 14q22.3-q23.1  
 Protein Families: Transmembrane  
 MW: 57.6 kDa  
 Gene Summary: Putative solute transporter.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC215780