

Product datasheet for **SC214854**

SLC13A5 (NM_001143838) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Symbol:	SLC13A5
Synonyms:	DEE25; EIEE25; INDY; mIndy; NACT
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PSI00062)
ACCN:	NM_001143838
Insert Size:	1518 bp



Insert Sequence:

>SC214854 3'UTR clone of NM_001143838

The sequence shown below is from the reference sequence of NM_001143838. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TGGGCTAATGTGACACATATTGAGACTAGGAAGAGCCACAAGACCACACACAGCCCTTACCCTCCT
CAGGACTACCGAACCTTCTGGCACACCTTGTACAGAGTTTTGGGGTTACACCCCAAAATGACCCAACG
ATGTCCACACACCACAAAACCCAGCCAATGGGCCACCTCTTCCTCCAAGCCAGATGCAGAGATGGTC
ATGGGCAGCTGGAGGGTAGGCTCAGAAATGAAGGGAACCCCTCAGTGGGCTGCTGGACCCATCTTTCCC
AAGCCTTGCCATTATCTCTGTGAGGGAGGCCAGGTAGCCGAGGGATCAGGATGCAGGCTGCTGTACCCG
CTCTGCCTCAAGCATCCCCACACAGGGCTCTGGTTTTCACTCGCTTCGTCCTAGATAGTTTAAATGGG
AATCGGATCCCTGGTTGAGAGCTAAGACAACCACCTACCAGTGCCCATGTCCCTTCAGCTCACCTTG
AGCAGCCTCAGATCATCTCTGCTACTCTGGAAGGGACACCCAGCCAGGGACGGAATGCCTGGTCTTGA
GCAACCTCCCACTGCTGGAGTGCGAGTGGGAATCAGAGCCTCTGAAGCCTCTGGGAACCTCTCCTGTG
GCCACCACCAAGGATGAGGAATCTGAGTTGCCAACTTCAGGACGACACCTGGCTTGCCACCCACAGTG
CACCACAGGCCAACCTACGCCCTTCATCACTTGGTTCTGTTTTAATCGACTGGCCCCCTGTCCCACCTC
TCCAGTGAGCCTCCTTCAACTCCTTGGTCCCCTGTTGTCTGGGTCAACATTGCGGAGACGCTTGGCT
GGCACCCCTGCGGGTCCCCCTTTTCTCCAGGCAGGTCACTTTTTCTGGGAGATGCTTCCCCTGCCATC
CCCAAATAGCTAGGATCACACTCCAAGTATGGGCAGTGATGGCGCTCTGGGGGCCACAGTGGGCTATCT
AGGCCCTCCCTCACCTGAGGCCAGAGTGGACACAGCTGTTAATTTCCACTGGCTATGCCACTTCAGAG
TCTTTTCATGCCAGCGTTTGAGCTCCTCTGGGTAATCTTCCCTTTGTTGACTGGCCTTCACAGCCATG
GCTGGTGACAACAGAGGATCGTTGAGATTGAGCAGCGCTTGGTGATCTCTCAGCAACAACCCCTGCC
GTGGGCCAATCTACTTGAAGTTACTCGGACAAAGACCCCAAGTGGGGCAAACTCCAGAGAGGCTGT
GGGAATCTTCAGAACCCCTGTAAAGACAGACATGAGAGACAAGCATCTTCTTCCCCCGCAAGTCC
ATTTTATTTCTTCTGTGCTGCTCTGGAAGAGAGGAGTACAAAGAGATGAGCTCCTGGATGGCATT
TTCCAGGGCAGGAGAAAGTATGAGAGCCTCAGGAAACCCCATCAAGGACCGAGTATGTGTCTGGTTCT
TGGGTGGGACGATTCTGACCACACTGTCCAGCTCTTGTCTCTATTAAATGCTGTCTCCCGCGGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites:

SgfI-MluI

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Note:

Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq:

[NM_001143838.3](#)

Summary:

This gene encodes a protein belonging to the solute carrier family 13 group of proteins. This family member is a sodium-dependent citrate cotransporter that may regulate metabolic processes. Mutations in this gene cause early infantile epileptic encephalopathy 25. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]

Locus ID: 284111

MW: 56