

Product datasheet for **SC100922**

SLC39A13 (NM_152264) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	SLC39A13
Synonyms:	EDSSPD3; LZT-Hs9; SCDEDS; ZIP13
Mammalian Cell	None
Selection:	
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC100922 sequence for NM_152264 edited (data generated by NextGen Sequencing)

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ATGCCTGGATGTCCCTGCCTGGCTGTGGCATGGCGGGCCCAAGGCTCCTTCTCACT
GCCCTTGCCCTGGAGCTCTTGGGAAGGGCTGGGGTTCCAGCCGCCCTCCGAGCCGG
GGGACTGCGACGGCTGTCGCCTGGACAACAAGAAAGCGAGTCTGGGGGCTCTGCTG
AGCGGAGAGCGGCTGGACACCTGGATCTGCTCCCTCCTGGGTTCCCTCATGGTGGGCTC
AGTGGGGTCTTCCCGTTGCTTGCATTCCCTAGAGATGGGGACCATGCTGCGCTCAGAA
GCTGGGGCCTGGCGCTGAAGCAGCTGCTCAGCTTCGCCCTGGGGGGACTCTTGGGCAAT
GTGTTTCTGCATCTGCTGCCCGAAGCCTGGGCCTACACGTGCAGCGCCAGCCCTGGTGGT
GAGGGGCAGAGCCTGCAGCAGCAGCAACAGCTGGGGCTGTGGGTCAATTGCTGGCATCCTG
ACCTTCTGCGTTGGAGAAGATGTTCTTGACAGCAAGGAGGAGGGGACCAGCCAGGCC
CCCAACAAAGACCCCACTGCTGCTGCCGCCGCGCTCAATGGAGGCCACTGTCTGGCCAG
CCGGCTGCAGAGCCCGCCTCGGTGCCGTGGTCCGGAGCATCAAAGTCAGCGGCTACCTC
AACCTGCTGGCCAAACCATCGATAACTTCACCCACGGGCTGGCTGTGGCTGCCAGTTT
CTTGTGAGCAAGAAGATCGGGCTCCTGACAACCATGGCCATCCTCCTGCATGAGATCCCC
CATGAGGTGGGCGACTTTGCCATCCTGCTCCGGGCCGCTTTGACCGATGGAGCGCAGCC
AAGCTGCAACTCTCAACAGCGCTGGGGGGCCTACTGGGCGCTGGCTTCGCCATCTGTACC
CAGTCCCCCAAGGAGTAGAGGAGACGGCAGCCTGGGTCTGCCCTTCACTCTGGCGGC
TTTCTCTACATCGCCTTGGTGAACGTGCTCCCTGACCTCTTGAAGAAGAGGACCCGTGG
CGCTCCTGCAGCAGCTGCTTCTGCTCTGTGCGGGCATCGTGGTAATGGTGCTGTTCTCG
CTCTTCGTGGATTAA
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Clone variation with respect to NM_152264.4



5' Read Nucleotide Sequence:	>OriGene 5' read for NM_152264 unedited <pre> TTGGATATTGTAATCACGACTTACTATAGGGCGGCCGCAATTTCGCACCAGGCATGCC TGGTTGTCCTGCCCTGGCTGTGGCATGGCGGGCCCAAGGCTCCTCTTCTCACTGCCCT TGCCCTGGAGCTCTTGGGAAGGGCTGGGGTTCCAGCCGGCCCTCCGGAGCCGGGGGAC TGCGACGGCCTGTCGCCTGGACAACAAGGAAAGCTAGTCTGGGGGGCTCTGCTGAGCGG AGAGCGGCTGGACACCTGGATCTGCTCCCTCCTGGTTCCCTCATGGTGGGGCTCAGTGG GGTCTTCCCGTTGCTTGTCTTCCCTAGAGATGGGGACCATGCTGCGCTCAGAAGCTGG GGCCTGGCGCTGAAGCAGCTGCTCAGCTTCGCCCTGGGGGACTCTTGGCAATGTGTT TCTGCATCTGCTGCCCAGCCTGGGCCTACACGTGCAGCGCCAGCCCTGGTGGTGAGGG GCAGAGCCTGCAGCAGCAGCAACAGCTGGGGCTGTGGGTCTTGTGGCATCCTGACCTT CCTGGCGTTGGAGAAGATGTTCTTGACAGCAAGGAGGAGGGACCAGCCAGGCCCCAA CAAAGACCCCACTGCTGCTGCCGCCGCGCTCAATGGAGGCCACTGTCTGGCCAGCCGGC TGCAGAGCCCGCCTCGGTGCCGTGGTCCGGAGCATCAAAGTCAGCGGCTACCTCAACCT GCTGGCCAACACCATCGATAACTTCACCCACGGGCTGGCTGTGGCTGCCAGCTTCTTGT GAGCAAGAAGATCGGGGCTCTGACACCATGGCCATCCTNCTGCATGAGATCCCNATGA GTGGGCGACTTTGCCATCCTGCTNCGGGCCGCTTTGACCGATGGAGCGCAGCCAAGCTT GCACTCTAACAGCGCTTGGGGGCCTACCTGGCGCTGGCTTCGNCCTGTACCAAGTCCCC CCAGGAGTAGAGG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_152264
Insert Size:	2500 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<u>NM_152264.2</u> , <u>NP_689477.2</u>
RefSeq Size:	2339 bp
RefSeq ORF:	1095 bp
Locus ID:	91252

UniProt ID: [Q96H72](#)

Cytogenetics: 11p11.2

Domains: Zip

Protein Families: Transmembrane

Gene Summary: This gene encodes a member of the LIV-1 subfamily of the ZIP transporter family. The encoded transmembrane protein functions as a zinc transporter. Mutations in this gene have been associated with the spondylocheiro dysplastic form of Ehlers-Danlos syndrome. Alternate transcript variants have been found for this gene. [provided by RefSeq, Jan 2016]