

Product datasheet for **SC320924**

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 Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



Fully Sequenced ORF:	>OriGene sequence for NM_152264.2 GCCGCCCGATCGCCGCCGCCGCCGCCGCACGGTGGCCTTTTGTGTTTTTCAGTACGTGG CATGCCTGGATGTCCCTGCCCTGGCTGTGGCATGGCGGGCCCAAGGCTCCTCTTCCTCAC TGCCCTTGCCCTGGAGCTCTTGGGAAGGGCTGGGGTTCCAGCCGGCCCTCCGGAGCCG GGGGAAGTGCAGCGCCTGTCGCCTGGACAACAAGGAAAGCGAGTCTGGGGGGCTCTGCT GAGCGGAGAGCGGCTGGACACCTGGATCTGCTCCTCCTGGGTTCCCTCATGGTGGGGCT CAGTGGGGTCTTCCCGTTGCTGTGCTATCCCTAGAGATGGGACCATGCTGCGCTCAGA AGCTGGGGCTGGCGCTGAAGCAGCTGCTCAGCTTCGCCCTGGGGGACTCTTGGGCAA TGTGTTTCTGCATCTGCTGCCGAAGCCTGGGCTACACGTGCAGCGCCAGCCCTGGTGG TGAGGGGACAGGCTGCAGCAGCAGCAACAGCTGGGGCTGTGGGTATTGCTGGCATCCT GACCTTCTGGCGTTGGAGAAGATGTTCTGGACAGCAAGGAGGAGGGAGCCAGCCAGGC CCCCAACAAAGACCCCACTGCTGCTGCCGCCGCACTCAATGGAGGCCACTGTCTGGCCCA GCCGGCTGCAGAGCCCGCCTCGGTGCCGTGGTCCGGAGCATCAAAGTCAGCGCTACCT CAACCTGCTGGCCAACACCATCGATAACTTACCCACGGGCTGGCTGTGGCTGCCAGCTT CCTTGTGAGCAAGAAGATCGGGCTCCTGACAACCATGGCCATCCTCCTGCATGAGATCCC CCATGAGGTGGGCACTTTGCCATCCTGCTCCGGGCCGGCTTTGACCGATGGAGCGCAGC CAAGCTGCAACTCTCAACAGCGCTGGGGGGCCTACTGGGCGCTGGCTTCGCCATCTGTAC CCAGTCCCCCAAGGGAGTAGAGGAGACGGCAGCCTGGGTCTGCCCTTACCTCTGGCGG CTTTCTCTACATCGCCTTGGTGAACGTGCTCCCTGACCTCTTGAAGAAGAGGACCCGTG GCGCTCCCTGCAGCAGCTGCTTCTGCTGTGCGGGCATCGTGGTAATGGTGTGTTCTC GCTCTTCGTGGATTAACTTTCCTGATGCCGACGCCCTGCCCTGCAGCAATAAGATG CTCGGATTAAGTGTGCGGCATATGTGAGAGCAGAGAGGGCGAGTGGCTGCGAGAGA GAATGAGCCTCCCGCCAGACAGGAGGGAGGTGCGTGTGGATGTATGGTGTGCACATGT GGCCAGAGGTGTGCGCGAGACCGACACTGTGATCCTGTGCTGGGTCCGGGGCCAGT GTAGCGCCTGTCCCAGCCATGCTGTGGTTACCTCTCCTTGCCGCCCTGTACCTTACC TCCTGGAGTAAGCAGCGAGGAAGAGCAGCACTGGTCCCAAGCAGAGGCCTTGCCCTGCTG GGACCCCGGAGTGAAGCAGCCCAAGGATCCAGGGTGCAGGGAACCTCAGAGCTGCC ACCTCCCACTGCCCTCAGCACACACAGTCCCAAGGCGCCTAGGGGCCAAGGCTGG GGCGGCTTTGGTCCCTTTCTGGCCCTTCTTCCCACTTCTAAGCCAAAGAAAGGAGA GGCAGGTGCTCTGTACCCAGCCCACTCAGCACTGACAGTCCCAAGCTCCTAGTAGTG AGCTGGGAGGCGTTCCTAAGACCTTTCTCAGGGCTGCCCTGGGAGCTATTCTGGC CAACACGCCCTGGCAGCACCAGCAGCTTTGCCACCTCCAGCTGCCAAACAGCAGCCTGC CGGGCAGGGAGCAGCCCAAGGCCAGAGAGGCTCCCGTCCAGCTCAGGGATGCTCCTGC CAGCACAGGGGCCAGGACTCCTGGAGCAGGCACATAGTGAGCCCGGGCAGCCCTGCCCA GCTCAGGCCCTTTCTTCCCAATTGAGGTTGGGTAGGTGGGGGGCTGAGGGCTCCAC GTTGTGACGCTCAGGAATGTGCTCCGGCAGAGTGTGAAGCCATAATCCCCAACCATTT CCCTTGGCTGACGCCCAGGTACTCAGCTGGCCCACTCCACAGCCAGGCCTGGCCCTGCC TTCACCGTGGATGTTTTCAGAAGTGCCATCGAGAGGTCTGGATGTTTTATAGCAACTT TGCTGTGATTCCGTTTGTATCTGTAATATTTGTTCTATAGATAAGATAAAATAAATAT TATCCACATAA
Restriction Sites:	Please inquire
ACCN:	NM_152264
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_152264.2 , NP_689477.2
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]