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Product datasheet for SC125015

SLC26A6 (NM_134263) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC26A6 (NM_134263) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC26A6
Mammalian Cell Selection:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_134263, the custom clone sequence may differ by one or more nucleotides

ATGGGGCTGGCGGATGCGTCGGGACCGAGGGACACACAGGCACTGCTGTCTGCAACACAAGCAATGGACC
TGCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTTGGAGGAGCTGGGGCGCTG
GGGCTCAGCACCTAGGACCCACCAGTGGCGGACCTGGTTGCAGTGCTCCCGTGCTCGGGCCTATGCCCTT
CTGCTCCAACACCTCCCGGTTTTGGTCTGGTTACCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACC
TGTTATCCGGCCTGAGTGTGGCCATCATGCAGCTTCCGCAGGGCTTGGCCTACGCCCTCCTGGCTGGATT
GCCCCCCGTGTTTGGCCTCTATAGCTCCTTCTACCCTGTCTTCATCTACTTCCTGTTTGGCACTTCCCGG
CACATCTCCGTGGGGACCTTTGCTGTCATGTCTGTGATGGTGGGCAGTGTGACAGAATCCCTGGCCCCGC
AGGCCTTGAACGACTCCATGATCAATGAGACAGCCAGAGATGCTGCCCGGGTACAGGTGGCCTCCACACT
CAGTGTCCTGGTTGGCCTCTTCCAGGTGGGGCTGGGCCTGATCCACTTCGGCTTCGTGGTCACCTACCTG
TCAGAACCTCTTGTCCGAGGCTATACCACAGCTGCAGCTGTGCAGGTCTTCGTCTCACAGCTCAAGTATG
TGTTTGGCCTCCATCTGAGCAGCCACTCTGGGCCACTGTCCCTCATCTATACAGTGCTGGAGGTCTGCTG
GAAGCTGCCCCAGAGCAAGGTTGGCACCGTGGTCACTGCAGCTGTGGCTGGGGTGGTGCTCGTGGTGGTG
AAGCTGTTGAATGACAAGCTGCAGCAGCAGCTGCCCATGCCGATACCCGGGGAGCTGCTCACGCTCATCG
GGGCCACAGGCATCTCCTATGGCATGGGTCTAAAGCACAGATTTGAGGTAGATGTCGTGGGCAACATCCC
TGCAGGGCTGGTGCCCCCAGTGGCCCCCAACACCCAGCTGTTCTCAAAGCTCGTGGGCAGCGCCTTCACC
ATCGCTGTGGTTGGGTTTGCCATTGCCATCTCACTGGGGAAGATCTTCGCCCTGAGGCACGGCTACCGGG
TGGACAGCAACCAGGAGCTGGTGGCCCTGGGCCTCAGTAACCTTATCGGAGGCATCTTCCAGTGCTTCCC
CGTGAGTTGCTCTATGTCTCGGAGCCTGGTACAGGAGAGCACCGGGGGCAACTCGCAGGTTGCTGGAGCC
ATCTCTTCCCTTTTCATCCTCCTCATCATTGTCAAACTTGGGGAACTCTTCCATGACCTGCCCAAGGCGG
TCCTGGCAGCCATCATCATTGTGAACCTGAAGGGCATGCTGAGGCAGCTCAGCGACATGCGCTCCCTCTG
GAAGGCCAATCGGGCGGATCTGCTTATCTGGCTGGTGACCTTCACGGCCACCATCTTGCTGAACCTGGAC
CTTGGCTTGGTGGTTGCGGTCATCTTCTCCCTGCTGCTCGTGGTGGTCCGGACACAGATGCCCCACTACT
CTGTCCTGGGGCAGGTGCCAGACACGGATATTTACAGAGATGTGGCAGAGTACTCAGAGGCCAAGGAAGT
CCGGGGGGTGAAGGTCTTCCGCTCCTCGGCCACCGTGTACTTTGCCAATGCTGAGTTCTACAGTGATGCG
CTGAAGCAGAGGTGTGGTGTGGATGTCGACTTCCTCATCTCCCAGAAGAAGAAACTGCTCAAGAAGCAGG
AGCAGCTGAAGCTGAAGCAACTGCAGAAAGAGGAGAAGCTTCGGAAACAGGCTGCCTCCCCCAAGGGCGC
CTCAGTTTCCATTAATGTCAACACCAGCCTTGAAGACATGAGGAGCAACAACGTTGAGGACTGCAAGATG
ATGGTGAGCTCAGGAGATAAGATGGAAGATGCAACAGCCAATGGTCAAGAAGACTCCAAGGCCCCAGATG
GGTCCACACTGAAGGCCCTGGGCCTGCCTCAGCCAGACTTCCACAGCCTCATCCTGGACCTGGGTGCCCT
CTCCTTTGTGGACACTGTGTGCCTCAAGAGCCTGAAGAATATTTTCCATGACTTCCGGGAGATTGAGGTG
GAGGTGTACATGGCGGCCTGCCACAGCCCTGTGGTCAGCCAGCTTGAGGCTGGGCACTTCTTCGATGCAT
CCATCACCAAGAAGCATCTCTTTGCCTCTGTCCATGATGCTGTCACCTTTGCCCTCCAACACCCGAGGCC
TGTCCCCGACAGCCCTGTTTCGGTCACCAGACTCTGA

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_134263 unedited
TCAGCATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACCAGGCAGCCCGCACC
GGACAACTTGCGAGCCATGGGGCTGGCGGATGCGTCGGGACCGAGGGACACACAGGCACT
GCTGTCTGCAACACAAGCAATGGACCTGCGGAGGCGAGACTACCACATGGAACGGCCGCT
GCTGAACCAGGAGCATTTGGAGGAGCTGGGGCGCTGGGGCTCAGCACCTAGGACCCACCA
GTGGCGGACCTGGTTGCAGTGCTCCCGTGCTCGGGCCTATGCCCTTCTGCTCCAACACCT
CCCGGTTTTGGTCTGGTTACCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACCTGTT
ATCCGGCCTGAGTGTGGCCATCATGCAGCTTCCGCAGGGCTTGGCCTACGCCCTCCTGGC
TGGATTGCCCCCCGTGTTTGGCCTCTATAGCTCCTTCTACCCTGTCTTCATCTACTTCCT
GTTTGGCACTTCCCGGCACATCTCCGTGGGGACCTTTGCTGTCATGTCTGTGATGGTGGG
CAGTGTGACAGAATCCCTGGCCCCGCAGGCCTTGAACGACTCCATGATCAATGAGACAGC
CAGAGATGCTGCCCGGGTACAGGTGGCCTCCACACTCAGTGTCCTGGTTGGCCTCTTCCA
GGTGGGGCTGGGCCTGATCCACTTCGGCTTCGTGGTCACCTACCTGTCAGAACCTCTTGT
CCGAAGCTATACCACAGCTGCAGCTGTGCAGGTCTTCGTCTCACAGCTCAAGTATGTGTT
TGGCCTTCATCTGAGCAGNCACTCTGGGCCACTGTCCCTCATCTATACAGTGCNTGAGGT
CTGCTGGAAGCTGNCCCANAGCAGGNNTGCACCCGTGTCACTGCANCTGTGGCTGGGGTG
GTGCTCGTGGTGGTGAAAACTGTGAATGACAGCTGCANCGCAGCTGCCAT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_134263 unedited
AANGATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTG
AGCAAACAAATCTTTATTCCTGAGGCTAAAATATGCACCAATTCCCTCCCTGTACCGCGC
CACTGCCAGCCTGACTGCATGCAGGCCCTGTCCCAAACCTGGAGCGCTGAACTTGGAGTC
CCAAGACCTCCTTCCCTGAGTTGTGTGTGTGTACATGGAGGGGACTCCTGGGTAGCACCT
GGAGGCGGCCTAAGGGTGAGGGGCTTCTCAAGGGTGCCCTGCACCTCCAGAGGTGCAATC
TTGGGCAGGATGTAACATGTTCAAAGTCTGGTGACCGAAACAGGGCTGTCGGGGACAGGC
CTCGGGTGTTGGAGGGCAAAGGTGACAGCCTCATGGACAGAGGCAAAGAGATGCTTCTTG
GTGATGGATGCATCGAAGAAATGCCCAGCCTCAAGCTGGCTGACCACAGGGCTGTGGCAG
GCCGCCATGTACACCTCCACCTCAATCTCCCGGAAGTCATGGAAAATATTCTTCAGGCTC
TTGAGGCACACAGTGTCCACAAAGGAGAGGGCACCCAGGTCCAGGATGAAGCTGTGGAAA
TCTGGCTGAAGCAAGCCCAGGGCCTTTAGTGTGGACCCATCTGGGGCCTTGGAGTCTTCT
TTGACCATTGGCTGTTGCATCTCCATCTTATCTCCTGAGACTACCTGGATCATCTTGGCA
ATCCTAACGTTGGTGCTCCTCCAGGTCTCAAAGCCTGTGTTGACATTAATGGAAACTGAG
GCGGCCCTTGGGGGGAGGCAACCTGTTTTCCGAGCTTCCTCCTCTTTCGGCAGTTGCCTC
AGCTTTCAGCTGGTTCCTGTTCTTTGAACAATTCCT

Restriction Sites: ECoRI-NOT

ACCN: NM_134263

Insert Size: 2800 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.
RefSeq:	NM_134263.1, NP_599025.1
RefSeq Size:	2659 bp
RefSeq ORF:	2214 bp
Locus ID:	65010
UniProt ID:	Q9BXS9
Cytogenetics:	3p21.31
Protein Families:	Transmembrane
Gene Summary:	This gene belongs to the solute carrier 26 family, whose members encode anion transporter proteins. This particular family member encodes a protein involved in transporting chloride, oxalate, sulfate and bicarbonate. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Aug 2013] Transcript Variant: This variant (2), also known as L-Q, uses an alternate in-frame splice site in the 3' coding region, compared to variant 1, resulting in a protein (isoform 2) that differs from isoform 1 by a single glutamine (Q) residue.