

Product datasheet for **MC220889**

Slc12a8 (NM_134251) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slc12a8 (NM_134251) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Slc12a8
Synonyms:	CCC9; E330020C02Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220889 representing NM_134251
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCAGAGGTCTCCGCAAGAACTCTTCCACGAGGCAGCCAGCAGGGCATCCTGGCCCAGCCCAGC
 CCTGGTGAAGATCCAGCTGTTTCATGTGGGAGCCGGTGCCTGTTTGGGACCTGGGATGGTGTTCACATC
 CTGCATGATCAACATTTTTGGCGTTGCTCTTTTCTTGAGGACCGCTGGCTGGTGGGAAACACAGGTGTG
 CTCCTGGGCTTGCTCCTGGTGTCTTCTGTCGCTCTGTCGTCCTCATCACCGTGTGTGGGCATTGGTG
 TCGCAGAGCATGGCGGGATCAGCAGTGGCGGTGTCTACTCCATGATCTCCTCGGTGCTTGGTGGGCAGAT
 GGGAGGCACTGTGGGCTGCTCTATGTATTTGGACAGTGTGTTCAGGTGCTATGTACATCACCGCTTT
 GCGGAGTCCATCTCAGATCTGCTGGGACTTGGGACATCTGGGCAGTGCCTGGAATTTCAAGTTGCTGTGC
 TTCTGGCTTTGCTGGGCATCAACCTGGCAGGTGTCAAGTGGATTATCCGCCTCCAGCTGCTGCTGCTGCT
 CCTGCTGGCTGTCTCGACCCTGGACTTTGTGGTGGGCTCTTTCACCCACCTGGACCCAGAACATGGCTTT
 ATTTGGCTACTCCCAGAAGTCTACAGAGCAACATTCTGCCAGAGTACAGCCCGGGGAGTCATTCTTCA
 CTGTGTTTGGGGTGTCTTCCCTGCAGCTACAGGAGTCAATGGCTGGCTTCAACATGGGAGGAGACCTGAG
 AGACCCTGCTGACAGTGTCCCCTTAGGCTCCCTAGCAGCTGTTGGCGTCTCGTGGTTCCTACATCATC
 TTTGCCTTCTGCTTGGTGGCGTCTGTACCCGAGAGGCCCTCCGCTCTGACTTCTGATAGCTGAAAAGG
 TGTCTCTGGTGGTTCCTCTTCTATTGGGCTGTACATCTCATCCCTGGCTTCTGTATGGGGGGACT
 CTATGGCGCACCCGGATCCTGCAGTGCATCGCCAGGACAAAGTCACTCCCTGACTCGCCTTTCTGGCG
 AATGGGAAAGGGCCAAATAAACACCCGGTAGCAGCCATCTGCCTGACCAGCTTGGTGACCATGGCCTTTG
 TCCTGGTGGTCAAGTGAATGTTCTGGCGCCGTTGTCAACATCAATTTTCATGCTGACCTACATCATGTG
 GGACTACTTTACTTCGCCCTCTCCATGGCTCACTGTGGCTCGCCCATCTCCTGAGCCCGTCCCAGA
 CAAGGCCAGATACTCTGCACTGCTCTGAGCACCTGCTCCAGGACAGGGCTCCCAGCTACGGCTCTGATG
 TCCCTGCCAGAAGCCTCTCTGAGGGCACCTGCTGGAGTTCACCAAGGACATGGATCAGTTCCTCCAGCC
 AATAGAGGAAGTGGAGAGTGCAGCTTGGGTCAAGAGAAGGAAACAACCCAAAGAATCAGAAGCGCAAG
 GGTAAAGAAAGGCCCAAGCAAACCTACAAGATAGCTTCTCTTGGACCCTGGTCTCCTTTGCTCTTTC
 CTACGAGGACTTCTGAGAGGTTGCTGTTGCCTTCTGTGGGGAGCAAGAGTCTATCAGAAGCAGCAGAC
 TTCTAGGAGTGAATCACATGACCATCTTGTTCCTGATCTACGCAACCAGCCTAGAGTGAACAGAGAAGAT
 TTCTTTCTGAAATGCAGACTTCAAGAACAGAGATCCAGAGAAGACCAAGTGTTCCTATGCTTGCATGT
 GTAACCCCTGGTCTCCCTGTTAGGGGCTCTTGCATCCCTGCTCATCATGTTTGTGATCCAGTGGCTCTA
 TACCCTAGCTAGTATGGGTGTTGCTGCCCTTGTGATTTCTACATTGGCCAGGCAAGTCCAGGCCTTAC
 CTCGGATCAGCATCAAATTCAGCTTTTTCCAATGGATGAAGTCTTCTTGGTCCCCTCCTGAGGAGCC
 TGAGGTCCGCCAGGAGCAAATCATCTTGGCGCCATCACAGCCAAGGTTGACATGGCAATGACTCAGCT
 TACCCAGGACAATGCAGACTTCGCCACCCGAGATCGTTACCACCACTCTCTTCTGAGCCGGGAGCAG
 TTGATGCCTCCCTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_134251

Insert Size: 2118 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:	<ol style="list-style-type: none">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:	<u>NM_134251.2</u> , <u>NP_599012.2</u>
RefSeq Size:	3166 bp
RefSeq ORF:	2118 bp
Locus ID:	171286
UniProt ID:	<u>Q8VI23</u>
Cytogenetics:	16 B3
Gene Summary:	Cation/chloride cotransporter that may play a role in the control of keratinocyte proliferation. [UniProtKB/Swiss-Prot Function]