

Product datasheet for **SC112600**

SLC2A4RG (NM_020062) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLC2A4RG (NM_020062) Human Untagged Clone
Tag:	Tag Free
Symbol:	SLC2A4RG
Synonyms:	GEF; HDBP-1; HDBP1; Si-1-2; Si-1-2-19
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_020062, the custom clone sequence may differ by one or more nucleotides

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ATGGAGCGCCCCCGCCCCGCGCCCGCGGGACCCAGTGCCTGCGGGCCGAGGCGCCGTGGCTGC
GCGCGGAGGGTCCGGGGCCGCGCCCGCGCCCGTACGGTGCCACGCCCGCAGGGCTCTTCCGTGGG
CGGCGGCTTCGCGGGCTTGGAGTTCGCGCGGCCGAGGAGTCGGAGCCGCGGGCTCGGACCTGGGGCC
CCCCGGACGTGGACGGGGCGGGCGGGGCCCGGACTCCGTCGGCGCACATCCCCGTCCAGCGCAGA
GAGCCACCCAGGAAAAGCCCGGCTGGACGAGGTCATGGCTGCCCTTACAAGCCTGCCACCAG
CCCTCTCCTTCTGGGGCCCCGTTGCAGCCTTCAGCCAGAGCCTGGCCTGGAGCCTGGAAGGAGGCC
CTGGTGGCGCCCCCAGGCAGCTACAGCAGCAGCAGCAACAGTGGAGACTGGGGATGGGACCTGGCCAGTG
ACCAGTCTCTCCGTCCACCCCGTACCCCACTGCCCCCGAGGCAGCCACTTTCTGTTTGGGGAGCC
CACCTGAGAAAAAGGAAGAGCCCGGCCAGGTCATGTTCCAGTGTCTGTGGAAGAGTGCGGGAAGGTG
CTGAGCACGGCGTCGGCGATGCAGAGACACATCCGCTGGTGCACCTGGGGAGGCAGGCAGAGCCTGAGC
AGAGTGATGGTGAGGAGGACTTCTACTACAGAGCTGGATGTTGGTGTGGACACGCTGACCGACGGCT
GTCCAGCCTGACTCCAGTGTCCCCACGGCCTCCATGCCGCTGCCTCCCCCGCCTGGAGTCCAGAG
CTGCTGGAGCCCCAGCCTGCCTAGTCCCCTGCGGCCGCTGCCCGCCCTGCCCGCCCCCTGTCC
TGAGCACCGTTGCTAACCCAGTCTGTACAGTGACCGTGTCTACCAGGGCTGCCTGACGCCCGCCCCG
CCTGGAGCCGACGCCACGGAGTCCGAGCCTGCCACCCGCTTGTCTCCAGGATCGGAGTACCCTG
AGGAAGCCCCGCGGCAGCGGAAGAAGTCCCGAAGGTGTATGGCATGGAGCGCCGGGACCTCTGGTGA
CAGCTGCCGCTGGAAGAAAGCCTGCCAGCGTTCTGGACTAA
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_020062 unedited CGCATTGTGTAATACGACTTACTATAGGCGGCCGCGCATTTCGGCACGAGGCGGGCGCGGGCG GCGGCCGATCCAGGGCGGGGGTTCGGCGGCCCGGCCAGCCCGGCCCGGGCCGGCGCG TCCTGAGAGTCAAGCCCTCGCCGCTGCAGCCTCGGCGCCCGGCCGGCCGGCCATGGAGCGC CCCCGCCCGCGCCCGCGGGACCTTTTGCCTGCGGGCCGAGGCGCCGTGGCTGC GCGCGGAGGGTCCGGGGCCGCGCCCGCCCGTACGGTGCCACGCGCCCGCAGGGCT CTTCCGTGGGCGGGCTTCGCGGGCTTGAGTTGCGCGGGCCGAGGAGTCCGAGCCCGC GGCCTCGGACCTGGGGGCCCGCGGACGTGGACGGGGCGGCGGGGCCCGGACTC CGTCGGCGCACATCCCCGTCCAGCGCAGAGAGCCACCCAGGAAAAGCCGGCTGGACG AGGTCATGGTGGCGTCCCTTACAAGCCTGTCCACCAGCCCTCTCTTCTGGGGGCC CAGTTGCAGCCTCAGCCAGAGCCTGGCTGGAGCCCTGGAAGGAGCCCTGGTGGCGC CCCCAAGCAGCTACAGCAGCAGCAACAGTGGAGACTGGGGATGGACCTGGCAGTGA CCAGTCTTTCCGGTACCCGAAACCCACTGGCCCGGAGCAGCCACTTTTTTTTGG GGAGCCACCTGAAAAAAGGAAAACCCCGGCCAGGTCATGTTCCAAGGTCTGTGAAA ACCTGCGGGAAGGTGCTTAAACCGGGTGGCGAATGCATAAAACACTTCCCTCTGGT GCCCGTGGAGAGGCAGGCGAACCTTGAACAATAGATGTGTGAGGGGGACTTTTTC TCTCCAGACCTGGGTATTGTGGTGGGCCACCCCTTACCAAGGGTGTTCACCAAGTC TATCGGGGCACCA
Restriction Sites:	NotI-NotI
ACCN:	NM_020062
Insert Size:	1600 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:	NM_020062.3 , NP_064446.2
RefSeq Size:	2296 bp
RefSeq ORF:	1164 bp
Locus ID:	56731
UniProt ID:	Q9NR83
Cytogenetics:	20q13.33
Domains:	zf-C2H2

Protein Families: Transcription Factors

Gene Summary: The protein encoded by this gene is a nuclear transcription factor involved in the activation of the solute carrier family 2 member 4 gene. The encoded protein interacts with another transcription factor, myocyte enhancer factor 2, to activate transcription of this gene. [provided by RefSeq, Jul 2008]