

Product datasheet for **SC320988**

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



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Fully Sequenced ORF: >OriGene sequence for NM_020062.3
 CAGGGCGGGGTGCGGCGCCCGGCCAGCCCGGCCCGGGCCGGGGCCGCTCCTGAGAGTC
 AGCCCTCGCCGCTGCAGCCTCGGCGCCCGGCCGGCCGGCCATGGAGCGCCCCCGCCCCG
 CGCCCGCGCCGGGACCCAGTGCCTGCGGGCCGAGGCGCCGTGGTGCAGCGGAGGG
 TCCGGGGCCGCGCCGCGCCCGTGACGGTGCCACGCCCGCCGAGGGCTCTTCCGTGG
 CGGCGGCTTCGCGGGCTTGAGTTGCGCGGGCCGAGGAGTCGGAGCCCGGGGCTCGGA
 CCTGGGGGCCCGCCGACGTGGACGGGGCCGGCGGGGCCCGGACTCCGTGCGGCA
 CATCCCCGTCCCAGCGCAGAGAGCCACCCAGGAAAAGCCGGCTGGACGAGGTATGGC
 TGCCGCTGCCCTTACAAGCCTGTCCACCAGCCCTCCTTCTGGGGGCCCGTTGCAGC
 CTTAGCCAGAGCCTGGCTGGAGCCCTGGAAGGAGGCCCTGGTGCAGCCCCAGGCAG
 CTACAGCAGCAGCAACAGTGGAGACTGGGGATGGGACCTGGCCAGTGACCAGTCTC
 TCCGTCCACCCCGTACCCCACTGCCCCCGAGGCAGCCACTTTCTGTTTGGGAGCC
 CACCCTGAGAAAAGGAAGACCCCGCCAGGTCATGTTCCAGTGTCTGTGAAGAGCTG
 CGGAAGGTGCTGAGCACGGCGTCGGCGATGCAGAGACACATCCGCTGGTGCACCTGG
 GAGGCAGGCAGAGCCTGAGCAGAGTGATGGTGAGGAGACTTCTACTACAGAGCTGGA
 TGTTGGTGTGGACACGCTGACCGACGGGTGTCCAGCCTGACTCCAGTGTCCCCACGGC
 CTCATGCCGCTGCCTTCCCCGCCTGGAGCTGCCAGAGCTGCTGGAGCCCCAGCCCT
 GCCTAGTCCCCTGCGGCCGCTGCCCGCCCTGCCCCGCCCTGTCTGAGCACCGT
 TGCTAACCCCACTCCTGTACAGTGACCGTGTCTACCAGGGCTGCCTGACGCCCGCCG
 CCTGGAGCCGACCCACGGAGTGGAGCCTGCCACCCGCCTGTCTCCAGGATCGG
 AGTCACCCTGAGGAAGCCCGCGCGACGCGAAGAAGTCCGGAAGGTGTATGGCATGGA
 GCGCCGGACCTCTGGTGCACAGCCTGCCGTGGAAGAAAGCCTGCCAGCGGTTCCCTGGA
 CTAAGTCCGGCTGAAACAGCCGAGGACAGCCAGGGGCTGGCTTTTACCAGCTGCAGGGTC
 TGCTTTTACTTGGTGTGGGGGGCGGGGCTGACCTGAACCTCCCCCGCCAGGTGCG
 GGAGGGTCCCACCACTCAAAGTGCCTCTAAAGAAACCAGCTTTTTGACTAAAGCCAAA
 CCACACCGCTGTCCCCTAGCCCCAAGGGCCCTGGGGGACCCACCTCCCGCTGTCGG
 CCCGTAGATTTATCAAGGGTGTATGGGCCAGCTTTGGGGGGCCAGTCCCGATGCACTT
 TGAGGGGTGTTGGAGAGGGGACTCCCCACTCGCACTTAACTCAACGGCTCTCGGCCCT
 GGGGCTGTTTTACCATGTTTGTGTTTGAAGCTCAGGTGTCTCACGTCTGGGCTGCACCA
 GGCGAAGAGAAAATTAAGATTTGAGGTTTTTCCAGAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_020062

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.

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]