

Product datasheet for SC321433

ROGDI (NM_024589) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ROGDI (NM_024589) Human Untagged Clone
Tag:	Tag Free
Symbol:	ROGDI
Synonyms:	KTZS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_024589.1
 CAGGAGCAGCGGCCGGTGGGGAGGGCGCTCGGCGGCGGCCTGCGGCCATGGCCACCGTGA
 TGGCAGCGACGGCGGCGGAGCGGGCGGTGCTGGAGGAGGAGTTCCGCTGGCTGCTGCACG
 ACGAGGTGCACGCTGTGTTGAAGCAGCTGCAGGACATCCTCAAGGAGCCCTCTCTGCGCT
 TCACTCTGCCGGGCTCCGGCACTGAGGGGCCCGCAAGCAAGAGAACTTCATCCTAGGCA
 GCTGTGGCACAGACCAGGTGAAGGGTGTGCTGACTCTGCAGGGGGATGCCCTCAGCCAGG
 CGGATGTGAACCTGAAGATGCCCGGAACAACCAGCTGCTGCACTTCGCCTCCGGGAGG
 ACAAGCAGTGGAAGCTGCAGCAGATCCAGGATGCCAGAAACCATGTGAGCCAAGCCATTT
 ACCTGCTTACCAGCCGGGACCAGAGCTACCAGTTCAAGACAGGCGCTGAGGTCTCAAGC
 TGATGGACGCAGTGATGCTGCAGCTGACCAGAGCCGAAACCGGCTCACCACCCCGCCA
 CCCTCACCTCCCGAGATCGCCGCCAGCGGCCTCACGCGGATGTTCCGCCCTGCCCTGC
 CGTCCGACCTGCTGGTCAACGTCTACATCAACCTCAACAAGCTCTGCCTCACGGTACC
 AGCTGCATGCCCTGCAGCCAACTCCACCAAGAACTTCCGCCAGCTGGGGGCGCGGTGC
 TGCATAGCCCTGGGGCCATGTTTCGAGTGGGGCTCTCAGCGCTGGAGGTGAGCCACGTGC
 ACAAAAGTGGAGTGCCTGATCCCCGGCTCAACGACGCCCTGGTCTACTTCACCGTCTCCC
 TGCAGCTCTGCCAGCAGCTCAAGGACAAGATCTCCGTGTTCTCCAGTACTGGAGCTACA
 GACCCTTCTGATCACAGCACCCAGGAGCTTGTCTCCAGGAAGGCGGCCCCGTCCCCTACT
 CATACCCACCACAGAGCACCAGCCAGTGCCAACGCCAGGCTGCTATTTATCTCCCCTATCC
 CACCCCTACCCACCTAACACATTTGCACTGCCAGGAATGGACTGGAAGTCCAGGA
 GGAAGGAAGGCTGGTTTGGTGGGTAGTGGGGAGGTGAGGAGGCGGGGCCAAGGGTGTCT
 CCACATTTCCCAACACCGCCCTCTGATCACCATGGGAATCTTTGGACTCAGGACAGGGCCA
 GGTGCAGGGCTCTCCCTCTCTCCCTTCGCTGTCCCCTCCCCTGGAGGGCATGGTGTCT
 GGGGGTGGCACTGAGCTATGAGTCCCGGGGATGGTGAGGAACGCCACAGACAGAGCCAC
 CCTAGGAGTGAGTATAGTGTGCTGTTTTCATAGCCCCAGTCCAGGGCTGTCTAA
 GAAATAAAGATCATCAGACTCCAAA

Restriction Sites: Please inquire



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ACCN:	NM_024589
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:	<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_024589.1, NP_078865.1</u>
RefSeq Size:	1474 bp
RefSeq ORF:	864 bp
Locus ID:	79641
UniProt ID:	<u>Q9GZN7</u>
Cytogenetics:	16p13.3
Gene Summary:	<p>This gene encodes a protein of unknown function. Loss-of-function mutation in this gene cause Kohlschutter-Tonz syndrome. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2012]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the functional protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>