

Product datasheet for **SC309148**

TSR2 (NM_058163) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	TSR2
Synonyms:	DBA14; DTIP1A10; WGG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC309148 representing NM_058163. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGGCGCTGCAGAAGATGCGCGAGCTCTTTCCGGGCTGGGGTCTGCGCGGCCCTGGAGGCCCTGG
CCGGCCTTGCAGATCGCTGTGGAGAATGGCTTCGGGGGTGTGCACAGCCAGGAGAAGGCCAAGTGGCTG
GGGGGTGCAGTGGAGGATTACTTCATGCGCAATGCTGACTTGGAGCTAGATGAGGTGGAAGACTTCCTT
GGAGAGCTGTTGACCAACGAGTTTGATACAGTTGTGGAAGACGGGAGTCTGCCCCAGGTGAGCCAGCAA
CTGCAGACCATGTTCCACCACTCCAGAGGGGTGATGGGGCTGCTCTGAGGGAGATGGCCTCCTGCATC
ACTCAGAGAAAATGCAAGGTCACAGCCACTGCACTTAAGACAGCTAGAGAGACTGATGAGGATGAAGAT
GATGTGGACAGTGTGGAAGAGATGGAGGTACAGCTACGAATGATGGGGCTGCTACAGATGGGGTCTGC
CCCCAGCCTGAACCCTCTGATCCAGACGCTCAGACTATTAAGGAAGAGGATATAGTGAAGATGGCTGG
ACCATTGTCCGGAGAAAAAATGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCCGC
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Restriction Sites:	SgfI-MluI
ACCN:	NM_058163
Insert Size:	576 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).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_058163.1
RefSeq Size:	1353 bp
RefSeq ORF:	576 bp
Locus ID:	90121
UniProt ID:	Q969E8
Cytogenetics:	Xp11.22
MW:	20.9 kDa
Gene Summary:	<p>The protein encoded by this gene appears to repress the transcription of NF-kappaB and may be involved in apoptosis. Defects in this gene are a cause of Diamond-Blackfan anemia. [provided by RefSeq, Oct 2016]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (α). 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>