

## Product datasheet for **SC303701**

### **DSCR4 (NM\_005867) Human Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DSCR4 (NM_005867) Human Untagged Clone
Tag:	Tag Free
Symbol:	DSCR4
Synonyms:	DCRB; DSCRB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303701 representing NM_005867. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
 ATGTCGTTAATCATCTTGACGAGAGATGATGAACCCCGGATATTTACCCAGACAGTGATGCCGTTCA  
 CCAGCATTGCACTCTACTTCCCGCTTCTGATCCTGCCTCAGCTTCTCCTCTCCACAGAGAAGAAAA  
 ATTCTGCCTAAAGTCTGCAACATCGTTTCTGCCTGAGTTTCAGCCTGCCAGCTTCTCTACGGATTCT  
 GGACTTGCCAGCCCCACAATCATAACCAGAGAGGGGCAGCAATTTGGGCAAAATGCTGATTTGGAAA  
 TACCAACTTTACCTCCATGGGCTCCACAAGAAATCAGATGGGAGAAGGGACAAGCAGATAAGCGCAAGC  
 CCATCAACCTGA  
 ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_005867
Insert Size:	357 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.


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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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<u>NM_005867.3</u>
RefSeq Size:	1114 bp
RefSeq ORF:	357 bp
Locus ID:	10281
Cytogenetics:	21q22.13
MW:	13 kDa
Gene Summary:	The gene is found in a region of chromosome 21 that has been linked to the pathogenesis of Down syndrome. This gene is transcribed from a bi-directional promoter located in an endogenous retrovirus. [provided by RefSeq, Jan 2015]