

## Product datasheet for **MC206541**

### Dscr2 (BC032965) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dscr2 (BC032965) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dscr2
Synonyms:	AW552102; Dscr2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC032965 GGGACCATGGCTGCCACGTTCTTTGGCGAGGTGGTGAAGGCGCCGTGCAGAGCTGGGACTGAGGAGGAAG AAGAGGAGGAGGAGCAGAGCAGGCGGGACACGCCGGAGGACCGGGAGGTCCGGCGGAGCTGGCGCGGAA GAGGGAGGTTTCGGCTTCTCCGAAGACAGACAGAAACATCTCTGGAGGCTGTGCTCCTAGAGACACACCT TGCTCCAAGTTTATAATTGCAGTAGGAAGCAACGCAACAGCATTCTGTGAGCGTTTGTATGAACTCGG GAGTCTGGGAAGAAGTCGGTTGTGCTAAGCTCTGGAATGAATGGTGCAGAACTACAGACTGTCCGCTCT GTCCCCTACAGATGTTTTCTGTGTGTTTTATCAACTGAAATCAGATCCCTCGTTTTTCTATGTCAGTGT AGCTGCTACATTGCTGAGGATCAGCAGTCCAGTGGTTGGAGAAGTTTTTCGGCTCCAACCCAGAAAGA GCATGCAGGTAACCGTTCTCACATGCCGGCACATCACAGACTACAAGACCCCGAGTCTACCTGCAGCCT TTCCTCTCCTTCTGAGAGCCCTAAAACTCAGACATCAAAGATGCCCTCTGTGCCACTGCTGGAA CAGCCGAACATTGTGCATGACCTGTCTGCAGCAGTTCTGAGCTACTGTCAAGTATGGAAAATCCCTGCGG TTCTGTATCTGTGCTACACTGATGTGATGAAGTTGGACCGTGTACCGTTGAAGCTTTAAACCGTTACT TTCTTCCAGGAGCTTGAATGCTTGGTGAAGAACATTCCTGAAAGCACAGAAATTCGAAGAAGTTGATG ACCACAAATGAGATTGAGAGCAACATTTACACATGACCCAGGTGGCCAGGACCTGCCTGTTCCAGGGGG CAGTCACTGATGTTTTGTATTTATTCTGGCTTGGGATGTTTTGAGAGTAATAAAAAATTTAAAAATTA AA
Restriction Sites:	EcoRI-NotI
ACCN:	BC032965
Insert Size:	870 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).



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<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<u><a href="#">BC032965</a></u> , <u><a href="#">AAH32965</a></u>
<b>RefSeq Size:</b>	1037 bp
<b>RefSeq ORF:</b>	870 bp
<b>Locus ID:</b>	56088
<b>Cytogenetics:</b>	16 C4
<b>Gene Summary:</b>	Chaperone protein which promotes assembly of the 20S proteasome as part of a heterodimer with PSMG2. The PSMG1-PSMG2 heterodimer binds to the PSMA5 and PSMA7 proteasome subunits, promotes assembly of the proteasome alpha subunits into the heteroheptameric alpha ring and prevents alpha ring dimerization (By similarity). [UniProtKB/Swiss-Prot Function]