

## Product datasheet for MC204269

### Chad (NM\_007689) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Chad (NM_007689) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chad
Synonyms:	SLRR4A
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC012672

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CCACGCGTCCGCGGACGCGTGGGTGACCCACGCGTCCGCGCCAGGCTCAAGGCGTTCCAACCATGGCCC
GGCGCTCTTATTTCAGTCTGGTCTTTCTTGCCATCCTCCTGCCTGCGCTGGCCGCTGCCCAAACTG
CCACTGCCATGGAGATCTGCAGCATGTCATCTGCGACAAGGTGGGCTGCAGAAGATCCCAAGGTATCA
GAGACAACCAAAGTCTCAATCTCCAGCGCAACAACCTCCCGGTGCTGGCTGCCAACTCGTTTCGGACCA
TGCCGAACCTGGTCTCCCTGCACCTGCAACACTGCAACATCCGCGAGGTGGCGGCTGGTGCCTCCGAGG
CCTGAAGCAGCTTATCTACCTGTACCTGTCCCACAACGACATCCGGGTATTGCGAGCTGGAGCCTTCGAC
GACCTGACTGAACTCACTTACCTCTATCTAGACCACAACAAAGTGTGGAACTGCCCGGGGGTTGCTCT
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CCAGGGGGCCAAGGACCTGCGCTGGCTCTACCTGTGCAAAAATGCCCTCAGTTCCTGCAGCCTGGTTCC
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CCCTGAGCAAACCTTCGGGTGGTGGAGGAGCTGAAGCTGTCTCACAACCCCTCTGAAGAGCATCCCAGACAA
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GCTATTGTAGAACCTCCTACCCTCTGTCCATCGGAGCTAAAGCGCAGTGGTCAATGGGATGACCACGTTA
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TTGCCAGAAAGAATTTAGGCCCATGCCCAACTCTGCCAGTTCTGCCTGCCAGGACATGCTACCAGGA
TACCAGTAGCGCTGGCTGCATATCCTTCTGTGGCTCCAGATTTCTATAAACAATAATGTATGTGT
GTTCAACATTCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_007689
<b>Insert Size:</b>	1077 bp
<b>OTI Disclaimer:</b>	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).
<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>	<a href="#">BC012672</a> , <a href="#">AAH12672</a>
<b>RefSeq Size:</b>	1748 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	12643
<b>UniProt ID:</b>	<a href="#">O55226</a>
<b>Cytogenetics:</b>	11 58.9 cM
<b>Gene Summary:</b>	Promotes attachment of chondrocytes, fibroblasts, and osteoblasts. This binding is mediated (at least for chondrocytes and fibroblasts) by the integrin alpha(2)beta(1). May play an important role in the regulation of chondrocyte growth and proliferation (By similarity). [UniProtKB/Swiss-Prot Function]