

Product datasheet for MC204292

Cops8 (NM_133805) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cops8 (NM_133805) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cops8
Synonyms: 9430009J09Rik; AA408242; Csn8; Sgn8
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC021488
 CCACGCGTCCGCGGGCGCAGCAGCCCGAGGGCCAGCTTGTGCTTTGGTCTGGCAGAGGTGGTGGCGGCGA
 GAGCGGCCGGGAAGATGCCAGTGGCGGTGATGGCGGACAACGCCCTCAGTTTCAGAAAGCTGTTGGATCA
 GTGCGAGAACCAGGAACCTCGAGGCTCCTGGAGGAATTGCCACACCGCCAGTGTACGGTCAGCTTCTAGCT
 TTGTACTTGTCTCCAGAACGACATGAATAATGCAAGATATCTGTGGAAGAGGATACCACCTGCTATAAAGT
 CTGCAAATTCTGAACTTGGGGGAATTTGGTCAGTTGGACAGCGAATCTGGCAAAGAGATTTCCCTGGGAT
 CTATACGACCATCAACGCCACCACTGGTCTGAGACTGTGACGCAATCATGGAAGCCCTTAGAGATGCA
 ACAAGGAGACGCGCCTTTGCCCTGGTCTCTCAAGCTTATACCTCCATCATCGCAGATGATTTTGCAGCGT
 TTGTTGGACTTCTGTGGAAGAGGCTGTGAAAGGCGTGTGGAACAAGGATGGCAGGCCGACTCCACCAC
 AAGAATGGTTCTCCAGGAAGCCAGCCTCAGGAACCCTGGATGTCTCCTTGAACAGGTTTATCCCCTTA
 TCAGAGCCTGCCCGAGTCCGCCAATCCCCAACGAGCAGCAGCTCGCCCGGCTCACCGATTATGTGGCTT
 TCCTGGAAAAGTATCGACCACTCTGAGTTCAAGATCCACCTTCCAGTCCCTGTCAGTGGCAAACAGACAT
 GGAGTTTTATTCTGAGTTCAGAACAGGGTGAGCACCTCTGTGCTTTGGGTGTGATAAAATGCACATAG
 AAGATGAAGCGCATTGTACAGTTTTCTCCTCAGACACTTTTGAATGTCCTTGGAGCAGTTTTCATTTGTA
 TTGATCACTTTGGTTGGAGCCATCAGTATTACACATCGAGTTTCTGTCAAGGACTGGACTCCGAACACAA
 GCTGTCTGCTTCAAGTAGCAGAGGGTGTGTAGCATACACCAGCTCCTGTGTGCCGCTGGCCTTAGC
 TGAAATGATGTGCTTTGGATTTGAGGAGGACTGTCCCAGGTGGTGCCTCCCCACATTGTCACTCACGCT
 CTGGAGAGTGTGCTTCTCCTCTATCCCAGAACAAGGAAGCAGTGTAGCATCAGAAAGCTGCGTGGT
 GGCGGACCCTGGAGGGGAGCTTGTCAATGCTCCATTTGTTTTCCAGTGTGTGCAAGCATCCATTTGCGTG
 AGACAGACAGTCTGCAGTGAGAACTCAACTTAGGTGTTCTTGGGAAACTCCAAGTTCTGATGCCTCCTTA
 GAGAAGAAGGGAGGGAGCGGAGTGCAGTGTGTGCTGTGCTGAAGGAGCTCCTGACCTGAGAGATGGACTG
 CAGCCCTCCTGCCTGCTGCGCATCCAGATCCTGAGGAGAAATGCCGAATGCATCTATTTTTGTTCTTGTA
 TGGCAGCCCTTGAAGATTTGAGGTGGTTAATGTATCTTCAGGTTAAAACGGCCCTAGTTCAATTTATTCTG
 CATTTGTTCAATAAAATTTAATGAATTCGTAACCTTTCATCTAAAGCTGGCTCTAGAAATTTTCATATC
 TTGGTCTTAAGTGGGCACATTATAAGTTTGCCTTTTCTCAAAAAATACTTAAAGTTTAAAAACTTTT
 CTCCTTTTTATTTTTGGGAATTTTATACATGCCTATAACCTGTTTAGATCAAATTCACCTCTCCTTTTCC
 TCTGACCCCTCCCTAGAATTTAATTAAGAAAGAACTGTCTTACCTCTGAAAAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	NM_133805
Insert Size:	630 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).
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:	BC021488 , AAH21488
RefSeq Size:	1816 bp
RefSeq ORF:	630 bp
Locus ID:	108679
UniProt ID:	Q8VBV7
Cytogenetics:	1 D
Gene Summary:	Component of the COP9 signalosome complex (CSN), a complex involved in various cellular and developmental processes. The CSN complex is an essential regulator of the ubiquitin (Ubl) conjugation pathway by mediating the deneddylation of the cullin subunits of SCF-type E3 ligase complexes, leading to decrease the Ubl ligase activity of SCF-type complexes such as SCF, CSA or DDB2. The complex is also involved in phosphorylation of p53/TP53, c-jun/JUN, IκappaBα/NFKBIA, ITPK1 and IRF8/ICSBP, possibly via its association with CK2 and PKD kinases. CSN-dependent phosphorylation of TP53 and JUN promotes and protects degradation by the Ubl system, respectively (By similarity).[UniProtKB/Swiss-Prot Function]