

Product datasheet for MR206242

Chil3 (NM_009892) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chil3 (NM_009892) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Chil3
Synonyms:	A1505981; Chi3; Chi3l3; ECF-L; Ym1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206242 representing NM_009892 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAAGCTCATTCTTGTACAGGTCTGGCAATTTCTTCTGAACGTACAGCTGGGATCTTCTACCAGC
TGATGTGCTACTATACCAGTTGGGCTAAGGACAGGCCAATAGAAGGGAGTTTCAAACCTGGTAATATTGA
CCCCTGCCTGTACTCACCTGATCTATGCCTTGGCTGGAATGCAGAATAATGAGATCACTTACACACAT
GAGCAAGACTTGGTGACTATGAAGCATTGAATGGTCTGAAAGACAAGAACAAGACTGAGCTAAAACTCTCC
TGGCCATTGGAGGATGGAAGTTGGACCTGCCCGTTCAGTGCCATGGTCTCTACTCCTCAGAACCGTCA
GATATTCAATCAGTCAGTTATCAGATTCCTTCGTCGAATAAATTTGATGGCCTCAACCTGGACTGGCAG
TACCCTGGGTCTCGAGGAAGCCCTCCTAAGGACAAACATCTCTTCAAGTGTCTGGTGAAGGAAATGCGTA
AAGCTTTTGGAGGAAGATCTGTGGAGAAAGACATTCGAAGGCTGCTACTCACTTCCACAGGAGCAGGAAT
CATTGACGTAATCAAGTCTGGGTACAAGATCCCTGAAGTGTCTCAGTCTCTTACTATATTCAGGTCATG
ACATATGATCTCCATGATCCTAAGGATGGCTACACTGGAGAAAATAGTCCCCTCTATAAATCTCCATATG
ACATTGGAAGAGTGCTGATCTCAATGTGGATTCAATCATTTCTACTGGAAGGACCATGGAGCAGCTTC
TGAGAAGCTCATTGTGGGATTTCCAGCATATGGGCATACCTTTATCCTGAGTGACCCTTCTAAGACTGGA
ATTGGTGCCCTACAATTAGTACTGGCCACCAGGAAAGTACACAGATGAATCAGGACTCCTGGCTTACT
ATGAGTTTGTACATTTCTGAATGAAGGAGCCACTGAGGTCTGGGATGCCCCAGGAAGTACCCTATGC
CTATCAGGTAATGAGTGGGTTGGTTATGACAATGTCAGGAGCTTCAAGTTGAAGGCTCAGTGGCTCAAG
GACAACAATTTAGGAGGTGCCGTGGTCTGGCCCTGGACATGGATGACTTCAGTGGTTCTTTCTGTCAAC
AGAGACATTTCCCTCTGACATCTACTTTAAGGGAGATCTCAATATACACAGTGAAGTTGCAAGGGCC
TTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR206242 representing NM_009892
 Red=Cloning site Green=Tags(s)

MAKLILVTGLAILLNVQLGSSYQLMCYYTSWAKDRPIEGSFKPGNIDPCLCTHLIYAFAGMQNNEITYTH
 EQDLRDYEALNGLKDKNTEKTLAIGGWKFGPAPFSAMVSTPQNRQIFIQSVIRFLRQYNFDGLNLDWQ
 YPGSRGSPPKDKHLFVSLVKEMRKAFAEESVEKIDIPRLLLTSTGAGIIDVIKSGYKIPELSQSLDYIQVM
 TYDLHDPKDYTGENSPLYKSPYDIGKSADLNVDSIISYWKDHGAASEKLI VGFPA YGHTF ILSDPSKTG
 IGAPTISTGPPGKYTDESGLLAYYEVCTFLNEGATEVWDAPQEVYAYQGNWVGYDNRVRSFKLKAQWLK
 DNNLGGAVVWPLDMDDFSGSFCHQRHFPLTSTLKGDLNIHSASCKGPY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_009892

ORF Size: 1194 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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: [NM_009892.3](#)

RefSeq Size: 1567 bp

RefSeq ORF: 1197 bp

Locus ID: 12655

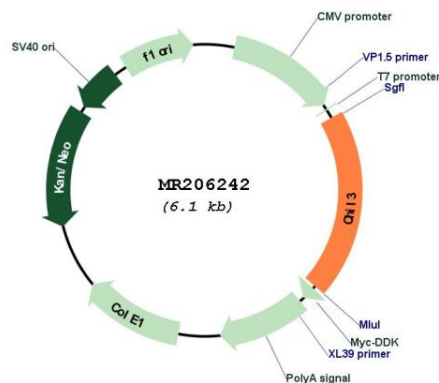
UniProt ID: [O35744](#)

Cytogenetics: 3 46.49 cM

MW: 44.9 kDa

Gene Summary: The protein encoded by this gene is similar to bacterial chitinases but lacks chitinase activity. The encoded protein is thought to function as a lectin and may be involved in inflammation and allergy. [provided by RefSeq, Sep 2015]

Product images:



Circular map for MR206242