

Product datasheet for **MC221324**

ThnsII (NM_177588) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ThnsII
Synonyms:	AW413632
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:

>MC221324 representing NM_177588
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGCTGACCTTGACCAGATGTACCATTTGAAACAGATAGCACAGGAGTGTCTTCTAGCCTGCTGGTTA
 AAGTGCAGAGCCGCACACAGCTCCTGCTTCCACGAGCCTCTGCACGTGCAGAATCAGGGAAGTCATGGCA
 CTCCACCCACTCTCTTGTGGAGACAAAAATATTGCTCTGATGGGGCCGCTGGTTCTGGGAAAAACAAC
 GTTGGCAGAATATTAGGTGACAACTAGGCTGTTGTGTCATCGATGTAGATAGTGATGTCCTTGAGAAAG
 CCTGGAATATGAGCGCATCTGAAAAATTGCAGGATGTTGGTAATGAGCGATTTTGAAGAGGAAGGAAA
 AACAGTGTTAAACTTGTCTGCATCTGGAAGTGTGATTCCCTCAGTGGGTCCAATCCCATGCATGATGCT
 AGCATGTGGCATCTGAAGAAAAATGGAATTGTTGTATACCTAGATGTGCCTCTAACAGATATAATTAGTC
 GTCTGAAATCAATGAGAATTGATAGGATTGTTGGCCAGAACACTGGAGCATCTCTGAGAGACTCGCTGAA
 GCACGTAAGACTGTACTATAAGAAGTGGTACGATGCCCGAGTCTTCTGTGAGAGTGGGGCTTCAGCTGAG
 GAGGTTGCAGACAAAGTCTTGATGTGGTTAAAAGATACCAAGACGTGGATTACAGAGACATTCATTTCAA
 CAAGGCATGTTTGTCTTAAAGATCATGACAAGAAGTTCCACCAAAATACTTCAGTGAAGCTGTAGTTGA
 GGGATTGGCTTCTGATGGTGGCTCTTGTCTCTGAGAAGGAGTTTCCAAACTAAGTCTGGGGAGTGG
 AATAACCTAATAGGAGCAACCTACATAGAAAGACACAGGTGCTCTTGGAAAGTGCATTACCCCTGCGG
 ACATACCTGCTGCCAAATTAGGAGAAATGATTGAACTGCTTATGGGGAAAACTTGCCTGCTCCAAAGT
 TGCCCTGTGAGGACCTTTCTGGCAATCAGTTCATCTGGAGTTGTTCTATGGCCCAACGGGGTCTTT
 AAGGATTTGTCTTACAGCTTATGCCTCATATTTTGCCTACTGTATCCACCAGGTTGCAATTATGTGA
 TACTTGTAGCCACTTCAGGAGACACTGGGAGTGCAGTCTTAAATGGGTTTAGCCATCTTAATAAAATGA
 TAAGGAAAGAATAGCTGTGGTCACATTTTTTCCAGAGAACGGAGTTAGTGATTTCCAGAAAGCAGAGATA
 ATTGGCAGTCAGAGAGAAAAATGGTTGGCAATAGGTGTGAGGTGAGATTTTGATTTTGGCAGACAGCTA
 TTAGAAAAATTTAATGATTCTGATTTTACTGGCTTCTGGCTGTGGAATATGGAACAATCTTAAGTTC
 AGCTAATTCATAAATTGGGCTCGACTACTTCCGCAGATAGTTATCATGCCTCTGCATACCTTGAGCTT
 GTTAACCAACGGTTTATTTCTTTTGGAAAGCCAGTAGATGTCTGTGTTCCACAGGAACTTTGGGAACG
 TGTTGGCGGCAGTGTATGCCAAGATGATGGGAATCCCTATTCGAAAATTTATCTGTGCCTCTAATCAGAA
 CCACGTTTTGACTGACTTCATAAACTGGACATTATGATCTAAGGAATAGGAAATTAGCACAAACCTTT
 TCACCATCAATAGATATTCTCAAGTCTTCAACCTGGAGCGACATTTATACTTGATGGCTAACAAAGACG
 GACAGTTAATGGCAAATTTATACCATCAGTTAGAGAGTCAGCTTCACTTCCGGATTGAGAAGATGCTGGT
 CGAGAAGTCGAGCAAGAGTTTGTGGCGACTGGTGTCTGAGGGAGAATGCCTCGCAGCTATCAGCACT
 ACCTACAATGCATCAGGCTATATTTTGGATCCACATACCGCTGTTGCAAAAGTGGTTGCAGACAAGATGC
 AAGACAAAAGCTGCCAGTGCTCATTCATCCACAGCTCACTACTCCAAGTTTGCCCTGCTATCATGCA
 GGCAGTGGGGATTAAAGAACTCAACCAGACGTCTCCAGCCAGCTTACTTACTGAGCTCGTACAATGCA
 TTGCCCTCTCTCAGGAGCTCTGCTAGAGAGAATGAAGCAGAAGGAGAAGATGGATTACAGGTTTGTG
 TAGCTGATGTGGATGCTCTGAAGAGTCATGCAGAAAACTCATCCAAAATTGGTTTGAAGGAAGTCTGA
 GTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_177588

Insert Size:

2244 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_177588.2</u> , <u>NP_808256.1</u>
RefSeq Size:	3899 bp
RefSeq ORF:	2244 bp
Locus ID:	208967
UniProt ID:	<u>Q8BH55</u>
Cytogenetics:	2 A3