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Product datasheet for MC200779

Tnfaip8 (NM_134131) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tnfaip8 (NM_134131) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tnfaip8
Synonyms:	AA987150; E130304C20Rik; ENSMUSG00000073567; Gg2-1; Gm10539; Nded; Ssc-2; Tipe
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC009090 sequence for NM_134131 GTCTAGGAGCCTCGCAGCCTCACGTCCATGTCCGTGGCGGTGGCGCCTGTGGCTGTGCACCCCGACAGCA TGCTCTCCGAAGCGGAGGAGCCCAGGGAAGTGGCTACAGATGTCTTCAATTCCAAAAACCTGGCCGTTCA GGCACAAAAGAAGATCCTGGGCAAAATGGTATCCAAATCCATCGCCACCACGCTGATCGACGACACCAGC AGCGAGGTGCTAGATGAGCTGTACAGGGTGACCAAGGAGTACACCCAGAACAAGAAGGAGGCGGAGAGGG TCATCAAGAACCTCATCAAGACGGTCATCAAGCTGGCCGTCCTCCACAGGAACAATCAGTTCAATCAAGA CGAGCTGGCGCTCATGGAGAAGTTCAAGAAGAAGGTGCACCAGCTTGCCATGACGGTCGTCAGCTTCCAC CAGGTAGAGTACACCTTCGACCGCAATGTGCTGTCCAGGCTGCTGAACGAGTGCCGAGAGCTCCTACACG AGATCATTCAGCGCCACCTTACCGCCAAGTCTCACGGACGGGTTAATAATGTCTTTGACCATTTTTCAGA TTGTGATTTTTTGGCTGCCTTGTACAATCCCTTTGGAAAGTTTAAACCTCACTTACAGAAACTTTGCGAC GGCATCAACAAAATGTTGGATGAAGAGAACATATGAGCTTGCGAAGTAAGATTGTGACCAGCAGCGAGTT AGGTGAAGTCCAGCACCGATGACTTGTAAAGGGAAGACGGAGACTCTTTTATCAATCACATGTATTTCAG AAAGGCTTGGCCCCCATATGACCTGTTATTGTTGTTGGACATTAATAGTAGTACTTCTGTGTGGCTTGTT GTATTTGAAAGGAAAAAAAAAAGTGTATTGCCAAAAATTCTGGCTGCAAACGTCTTAATGATTGGCAAGA TGTGAGAAAAACGGATAGTTGGTCATTCAGATGTCAAGGGATACAAAGACAGATGAGTGTGGCCCCAAGC GCTGGCACTTCTTGTGTTTTAGGGAAATCATGTTGGTGGCACGTTGGATATTTCTAATATGTATAAAGCC GTGTATCTTGACTCACCTTGATCCTTTGCTACGTCTGTGTATCTCTCTTACAATGTCGAGACCCTCTCTT TGCTGTCATTGATCCTTTTGAAACAACTCTGCTTCTTTGGTTACAGATCGTCATTGACCTTCAGGAGTTA AATTTGAGGCAGTCAAACCGAATGCTCAGGAAAGCAAAAAAAACTGTGCATCTGAAATCATGACTGTGGG AGTGAACAATCTTAGACATCATGAGCAGTGTCCATTGCAAGAGTGTGTTTTTGAAGCTGACTTCTACCTT TTAGTACTATCAGTGATACTTAGAGTCTCAGAGCTAGTGGCATGATATTGCCTTGAAATATCTGCTTAGG GCATAACTTTGATGTCATCTTGAACATGTACTGACATGTTCCCGTATTAACATCTATTTCACCTGTAGGA AGAATAAATCTCTAGATTGGCTTTGATATTGAGACAATAAAATGTAAGTAGCGTTTCAAAAAGAAAAACT TCTTGAATTTAAAGATGAATTCATCAGACTGATTTATGGGTGAAAGGATAGAAAGGACGTTGCTAAGTAA CATAAGAAAGATGCATGTATTTCAGTGTGTAACAGGGATTGATGAATAAAAGATGCCATTTTTTATTTAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

View online »

Restriction Sites:	RsrII-NotI
ACCN:	NM_134131
Insert Size:	597 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.
RefSeq:	BC009090, AAH09090
RefSeq Size:	1728 bp
RefSeq ORF:	597 bp
Locus ID:	106869
UniProt ID:	Q921Z5
Cytogenetics:	18 D1
Gene Summary:	Acts as a negative mediator of apoptosis. Suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments. CCDS Note: The coding region has been updated to extend the N-terminus by 14-aa to an upstream AUG which is well supported by orthologs in many other species. The uAUG has a weak Kozak signal, but there is no indication that it is not used at least some of the time.