

Product datasheet for **MC221012**

Tab3 (NM_025729) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Tab3 (NM_025729) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Tab3
Synonyms:	4921526G09Rik; Map3k7ip3; mKIAA4135
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC221012 representing NM_025729
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGCAAACAGTCCACAGCTTGATATTCAGGTTCTCCATGATCTTCGACAACGTTTTCTGAAATTC
 CAGAGGGTGTGGTATCCCAGTGCATGTTACAGAATAACAACAATCTAGAAGCCTGTTGTCGAGCCCTTTC
 CCAGGAGAGCAGCAAATCTTGATATGGAATACCATAGTCCAGAAGACAATAGAATGAATAGAAATCGC
 CTTTTGCATATTAATTTGGGTATTCATTCTCCTAGTAGCTACCACCCAGGAGATGGAGCTCACCTTAATG
 GTGGTCGGACACTGGTACATAGCTCAAGTGATGGACATATTGATCCTCAGCATACAGCAGGCAAACAGCT
 GATATGTTTAGTTCAGGAACCACACTCAGCTCCAGCTGTTGTGGTGCTACTCCCAACTATAATCCGTTT
 TTTATGAATGAGCAGAACAGAAGTGCAGCTACCCCGCTTCACAGCCACCTCAGCAGCCATCTCCATGC
 AAACAGGAATGAATCCATCTGCTATGCAAGTCTTACCACCACCACCCTCCGTCTACATGCACAT
 ACCTCGGTATAGTACAAATCCAATTACTGTTACAGTGTCCAAAACCTTCTTCTGGACAGACTGTGCCA
 AGAGCTTTACAGATTCTCCACAAATCCAAGCAATCTCTATGGATCTCCTGGGTCTATTTTTATTAGAC
 AGACATCTCAGAGTTCATCAGGAAGACAGACTCCTCAGAATGCTCCATGGCAGTCTCACCACAAGGCC
 AGTGCCTCATTACAGCCAGCTCCTTACCTGTTTATCCACATCAACAGAATCAACCTTCTCAGTAT
 TCTCCAAACAACAGCAGATTCTCAGTCAGTTTACCATTACCACCTCCTTCTCAGTGTCTTCCCCT
 TTAGCTCTCCACAGCATCAAGTACAACCACCCAGCTGGGTACCCCAAGCTCTCATGTGTTTATGCCACC
 CAGTCTTCAACTACTCCACCCACCTATATCAACAAGGACCTCCTAGTTATCAGAAACCAGGAAGTCAT
 TCGGTAGCCTATCTCCCTACACAGCATCTAGCTTACCCAAAGGTTCCATGAAGAAGATAGAAATTACAG
 TTGAACCTTCTCAAAGACCTGGGACAGCAATAACTAGAAGTCCGTACCTATCAGTAATCAACCATCTCC
 AAGGAACCAGCATTCACTGTACACAGCCACCACACCTTCAAGTTCCTTCAAGAGGGATCTCTAGT
 CAACCAAAACCTCCATTTAGTGTTAATCCTGTGTATATTACGTATACACAGCCAACCTGGACCTTCTGTG
 CTCCATCACCATCTCCTCGGGTGTACCAAATCCAACACAGTTTTTAAAATTACTGTAGGCCGAGCAAC
 AACTGAAAACCTTTTAAATTTAGTGGACCAAGAAGAAGCTCTGCAGCACCAGAACCTATTCAGCCCATT
 TCAGTGATACCAGGCTCTGGGGGAGAAAAGGAAACCACAAGTATCAAAGGAGCTCTAGTTCTGGATCAG
 ATGACTATGCCTATACCAAGCCTTGTGTTACATCAGCGAGCAAGAATGGAGAGTTAGCAAAGCAATT
 GAAACTTGAAAAGAGGAGCTAGAGCGGTTGAAAGCTGAAGTTAACAGTATGGAGCATGACCTGATGCAG
 AGACGGCTTGAAGAGTCAAGTGCACCCTGCAATTCACAGCCTGAGGAAATGACAAGATTGAGAAGCA
 CGAACAGACAACCTCCAGATAAATGTTGACTGTACTGAAAGAAGTTGACCTCCTCAATCTAGAGGAAA
 CTTTGATCCAAAAGCCATCAATAATTTTTATGACCACATAGAACCTGGCCAGTTGTACCACCGAAGCCA
 TCTAAAAAAGACTCCTCAGACTCCTGTGCAATTGAGAGAAAAGCCGAAGAATTAGTGTGACTTCCAAAG
 CGCCAGTAGATATCCATGACGCCAGGCAGCAGCTGCAGATGAACATTTAAGTATCTGCAACAGAGTGC
 TCGACACAACCCCGAGATGAGGATTATGAAGGGGCTCCGTGGAATTGTGACAGCTGTACCTTTCTCAAC
 CACCCTGCACTGAATCGCTGTGAGCAGTGTGAGATGCCACGGTACACT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_025729
Insert Size: 2151 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:	<u>NM_025729.4</u> , <u>NP_080005.2</u>
RefSeq Size:	6381 bp
RefSeq ORF:	2151 bp
Locus ID:	66724
UniProt ID:	<u>Q571K4</u>
Cytogenetics:	X C1
Gene Summary:	Adapter linking MAP3K7/TAK1 and TRAF6 or TRAF2. Mediator of MAP3K7 activation, respectively in the IL-1 and TNF signaling pathways. Plays a role in activation of NF-kappa-B and AP1 transcription factor (By similarity).[UniProtKB/Swiss-Prot Function]