

Product datasheet for **SC108225**

THUMPD3 (NM_015453) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	THUMPD3 (NM_015453) Human Untagged Clone
Tag:	Tag Free
Symbol:	THUMPD3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC108225 sequence for NM_015453 edited (data generated by NextGen Sequencing)

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ATGTGTGACATTGAAGAAGCCACTAACCAACTCCTAGATGTGAACCTTCATGAGAACCAG
AAGTCTGTACAAGTGACAGAAAGCGACCTCGGAAGTGAATCTGAGCTTCTAGTCACTATT
GGAGCCACTGTACCTACTGGCTTTGAGCAAACAGCTGCAGATGAAGTCAGAGAGAAAAT
GGGTCATCATGCAAAATCAGCAGAGACCGTGGCAAGATATATTTTGTCAATTCAGTGGAA
AGTCTGGCACAGGTTTATTGTCTGAGATCAGTTGATAACTTATTTGTGGTGGTTTCAGGAG
TTTCAAGATTACCAAGTTCAAACAAAAGGAAGTCTAAAGGATTTTGAAGACTTG
GCTGGAAAACCTCCATGGTCAAACCCCTTAAAAGTGTGGAAAATTAATGCCAGTTTTAAA
AAGAAAAAGCAAAGCGCAAAAAGATAAATCAGAATTCAGTAAAGAGAAGATTAATAAT
GGACAAGAAGTCAAAATCGATCAGAGAAATGTTAAAAAGAGTTCACTAGCCATGCTTTA
GATTCTCATATCTTAGATTATTATGAAAATCCAGCCATCAAAGAGGATGTATCAACATTA
ATAGGTGATGATTTGGCATCTTGCAAAGATGAGACTGATGAAAGCTCAAAAAGAAGAACT
GAGCCTCAAGTGTGAAGTTTAGAGTCACATGCAACAGGGCAGGAGAGAAAACATTGCTTT
ACCTCAAATGAGGCTGCAAGAGATTTTGGGGGTGCTGTTCAAGATTATTTAAGTGGAAAG
GCCGACATGACCAACTTTGATGTGGAGGTTCTTTTGAACATCCATGATAATGAAGTCATT
GTGGGCATTGCATTGACTGAAGAGAGTCTCCACCGAAGAAATATAACACATTTTGGACCT
ACAACCTTTAGATCAACTCTTGCCTATGGGATGCTCAGGCTCTGTGATCCTCTACCTTAT
GATATAATAGTCGATCCAATGTGTGGAAGTGGGCAATACCAATAGAGGGGGCCACTGAA
TGGTCTGACTGCTCCATATTGCTGGTGATAATAATCCACTGGCTGTGAATAGAGCAGCA
AATAACATTGCATCTTTATTGACCAAGAGCCAAATTAAGAAGGCCAAACCTCCTGGGGC
TTGCCCATAGATGCTGTTGAGTGGGATATCTGCAATCTGCCATTGAGAAGTGGCTCTGTG
GATATTATTGTAACAGATTTGCCATTTGGAAAAAGGATGGGATCCAAGAAAAGAACTGG
AACCTTTATCCAGCTTGCCTACGGGAGATGAGCGGTGTCTGCACACCTACCACAGGCCGA
GCTGTACTACTTACTCAAGACACAAAATGCTTTACCAAGGCGTTATCTGGAATGCGACAC
GTATGGCGAAAAGGTGGATACAGTCTGGGTGAACGTTGGTGGTCTTCGTGCTGCAGTTTAC
GTTCTGATACGTACACCTCAAGCTTTTGTTCATCCTTCAGAGCAAGACGGAGAAAGAGGA
ACTCTTTGGCAATGCAAAGAATGA
    
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Clone variation with respect to NM_015453.2
 84 t=>c;1032 t=>c;1251 g=>a;1482 a=>g

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015453 unedited

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ATTTTGTAAATACGCACTCCTATAGGGCGGCNCGGATTCCGGCACGAGGCTGACCGCAANA
GGCCAATGGAGTGTGGGAGCTGAAGGGTCTTCGCTGGCGGCCGGTAACTGGCGGCGGTTG
GGAACGGCCGAGTGTGGCTCTTCTGGTGTTCAGCTTGGGGAGAGAGGAGTGGCCTTCTCT
CTTGCAGTTGAGGCCGGCGCCGAGCCGGACTTCAGCCGGATCTCGTGGCGGAGCCCATCT
TGCTCCCTCTCCAGGCCTTTACCCGCTCCCTAGGATTCCTGGGCCCTGTAGGTGGGAGT
TGGGAGACGACAGTACTGCTTTTAAAGAGACAGTGTAGGGATCTTGAAGCACAGCCAA
CATGTGTGACATTGAAGAAGCCACTAACCAACTCCTAGATGTGAACCTTCATGAGAACCA
GAAGTCTGTACAAGTGACAGAAAGCGACCTCGGAAGTGAATCTGAGCTTCTAGTCACTAT
TGGAGCCACTGTACCTACTGGCTTTGAGCAAACAGCTGCAGATGAAGTCAGAGAGAAAAT
TGGGTCATCATGCAAAATCAGCAGAGACCGTGGCAAGATATATTTTGTCAATTCAGTGGAA
AAGTCTGGCACAGGTTTATTGTCTGAGATCAGTTGATAACTTATTTGTGGTGGTTTCAGGA
GTTTCAAGATTACCAGTTCAAACAAAAGGAAGTCTAAAGGATTTCTGAAGACTT
GGCTGGNAACTCCCATGGTCAAACCCCTTAAAAGTGTGGAAAATTAATGCCAGTTTTTA
AAAAGAANAAGCANAGCGCACAAAGATAAATCAGAATTCAGTAAAGAGAAGATTTAAT
ATGGACAAGAAGTCAAAATCGATCAGAGAAATGTTAAAAAGAGTCCCTAGCCTGCCTTAG
ATTCTATTCTTAGATATTATGAAAATCCGCTCCAGAGGATGTTCACTTATAGGTGAGA
TTTGGCTCTTCAAATGAACTGTGAAGC
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_015453 unedited GCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTCTGGTCTCATAAACTTTT AAATTCATCACATTACATTCACACCTTTTGCTAACCAGGATGAAGAGCCTTAAACAGGT TTAAAGAGTGCAGACTGCAGTTTTGTTAATACTTTTTCTCTCCAAGTTCTTTTATGCT AACATTTCCAGTGGTGGGAAGTACAAGTACTATTAGTCATCTTCATTCTTTGCATTGCCA AAGAGTTCCCTCTTTCTCCGTCTTGCTCTGAAGGATGAACAAAAGCTTGAGGTGTACGTAT CAGAACGTAAACTGCAGCACGAAGACCACCAACGTTACCCAGACTGTATCCACCTTTCCG CCATACGTGTCGCATTCCAGATAACGCCTTGGTAAAGCATTTTGTGCTTGAGTAAGTAG TACAGCTCGGCCTGTGGTAGGTGTGCAGACACGGCTCATCTCCCGTAGGCAAGCTGGATA AAGTTCCAGTTCTTTCTTGATCCCATCCTTTTTCCAAATGGCAAATCTGTTACAAT AATATCCACAGAGCCAGTTCTCAATGGCAGATTGCAGATATCCCACTGAACAGCATCTAT GGGCAAGCCCCAGAGGTTTGCCTTCTTAATTTGGCTCTTGGTCAATAAAGATGNCAT GTTATTTGCTGCTCTATTACAGCCAGTGGATTATTATCACAGCATATGGAGCAGTCAGAC ATTCAGTCCCCCTTTGTATTGCCCCAGTCCACATGGATCGACATTATATCTANGG TAAGATCCAGAGCTGAGCTCCATAGCAGAGTGTCTAGAGTGTAGTCAAAGTGTATATTTT TCGGGAGACTTCTCAGCATGCATGCCACATGACTCTTATATGGTGTCAAAGACCTCCATA AGTGGCATGTGCCTCCCTAAATAACTGAAAGACCCCAATTCTGCACTATTGAGAAGCAG TTCTTCTGCTGTGCAGGATT
Restriction Sites:	NotI-NotI
ACCN:	NM_015453
Insert Size:	2050 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_015453.1</u> , <u>NP_056268.1</u>
RefSeq Size:	2897 bp
RefSeq ORF:	1524 bp
Locus ID:	25917
UniProt ID:	<u>Q9BV44</u>
Cytogenetics:	3p25.3
Domains:	UPF0020, THUMP