

Product datasheet for SC108722

OTUB1 (NM_017670) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OTUB1 (NM_017670) Human Untagged Clone
Tag:	Tag Free
Symbol:	OTUB1
Synonyms:	HSPC263; OTB1; OTU1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_017670 edited GAATTCGGCAGGAGGGTCGGTAGTGCGGCGCTGTTTAAAGATGGCGGCGGAGGAACCTCA GCAGCAGAAGCAGGAGCCGCTGGGCAGCGACTCCGAAGGTGTTAACTGTCTGGCCTATGA TGAAGCCATCATGGCTCAGCAGGACCGAATTCAGCAAGAGATTGCTGTGCAGAACCCTCT GGTGTGAGAGCGGCTGGAGCTCTCGGTCTATAACAAGGAGTATGCTGAAGATGACAACAT CTATCAACAGAAGATCAAGGACCTCCACAAAAAGTACTCGTACATCCGCAAGACCAGGCC TGACGGCAACTGTTTCTATCGGGCTTTTCGGATTCTCCCACTTGGAGGCACTGCTGGATGA CAGCAAGGAGTTGCAGCGGTTCAAGGCTGTGTCTGCCAAGAGCAAGGAAGACCTGGTGTC CCAGGGCTTCACTGAATTCACAATTGAGGATTTCCACAACACGTTTATGGACCTGATTGA GCAGGTGGAGAAGCAGACCTCTGTGCGGACCTGCTGGCCTCCTTCAATGACCAGAGCAC CTCCGACTACCTTGTGGTCTACCTGCGGCTGCTCACCTCGGGCTACCTGCAGCGGAGAG CAAGTTCTTCGAGCACTTCATCGAGGGTGGACGACTGTCAAGGAGTTCTGCCAGCAGGA GGTGGAGCCCATGTGCAAGGAGAGCGACCACATCCACATCATTGCGCTGGCCAGGCCCT CAGCGTGTCCATCCAGGTGGAGTACATGGACCGCGGCGAGGGCGGCACCACCAATCCGCA CATCTTCCCTGAGGGCTCCGAGCCCAAGGTCTACCTTCTTACCAGGCTGGACACTACGA TATCCTTACAAATAGGGCTGGCTCCAGCCCGCTGCTGCCCTGCTGCCCCCTCTGCCAG GCGCTAGACATGTACAGAGGTTTTTCTGTGGTTGTAATGGTCTATTTACCCCTTCT TCCTGTACATGACCCCCCCCCATGTTTTATTAAGGGGGTGTGGTGGTGAACAAAAA AAAAAAAAAAAAAAAAAAAACTCGAC



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_017670 unedited</p> <pre>GGGGGTCAAATTTGTATACGACTCCTATAGGCGGCCCGCAATTCGCACGAGGGTCGGTA GTGCGGCGCTGTTTAAAGAGGCGGCGGAGGAACCTCAGCAGCAGAAGCAGGAGCCGCTGG GCAGCGACTCCGAAGGTGTTAACTGTCTGGCCTATGATGAAGCCATCATGGCTCAGCAGG ACCGAATTCAGCAAGAGATTGCTGTGCAGAACCCTCTGGTGTGAGAGCGGCTGGAGCTCT CGGTCTATAACAAGGAGTATGCTGAAGATGACAACATCTATCAACAGAAGATCAAGGACC TCCACAAAAAGTACTCGTACATCCGCAAGACCAGGCCTGACGGCAACTGTTTCTATCGGG CTTTTCGGATTCTCCCACTTGGAGGCACTGCTGGATGACAGCAAGGAGTTGCAGCGGTTCA AGGCTGTGTCTGCCAAGAGCAAGGAAGACCTGGTGTCCCAGGGCTTCACTGAATTCACAA TTGAGGATTTCCACAACACGTTTCATGGACCTGATTGAGCAGGTGGAGAAGCAGACCTCTG TCGCCGACCTGTGGCCTCCTTCAATGACCAGAGCACCTCCGACTACCTTGTGGTCTACC TGCGGCTGCTCACCTCGGGCTACCTGCAGCGGAGAGCAAGTTCTTCGAGCACTTCATCG AGGGTGGACGGACTGTCAAGGAGTTCTGCCAGCAGGAGGTGGAGCCCATGTGCAAGGAGA GCGACCACATCCACATCATTGCGCTGGCCAGGCCCTCAGCGTGTCCATCCCAGTGGAGT ACATGGACCGCGGAGGCGGCACCACCAATCCGCACATCTTCCCTGAGGCTCCGAGC CCCAGGTCTACCTTCTCTACCGCTGGACACTACGATATCCTCTACAAATAGGGCTGGC TTCAN</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_017670 unedited</p> <pre>TATGGATCGCGGGCCGAATCTAAAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT TCACCACCAGCACCCCTTTAATAAAACATGNGGGGGGGTTCATGTGACAGGAAAAGGG GGTGAAATAGGACATTTACAACCACAAAAAACCTTTGTACATGTCTACCGCCTGGCAA AGGGGGCAGCAGGGCAGCAGCGGGCTGGAGCCAGCCCTATTTGTAAGGATATCGTAGT GTCAGGCCGGTAAAAAGGTAAACCTTGGGCTCGGAGCCCTCAGGAAAATGTGCGGAT TGGTGGTGCCGCCCTCGCCGCGGCCATGTACTCCACCTGGATGGACACGCTGAGGGCCT GGGCCAGCGCAATGATGTGGATGTGGCCGCTCTCCTTGCACATGGGCTCCACCTCCTGCT GGCAAACTCCTTGACAGTCCGTCACCCCTCGATGAAGTGCTCGAAAACTTGCTCTCGC GCTGAAGTATCCCGAGGTGAACACCCCAAGTAAACCACATGGTATTCGAGGCGCTCT GGTCATTGAAGGAGGCCAGAAGTCCGCAACAGAGGTCTGCTTTTTACCTGTTCAATCA GTCCATGAACCGTTGCGCAAACCTCTAATTGTCAACTCAGTGAATCCCTGGGACACCT GTCCTTTCTGCTTTTGCCAAACACACCCCTTGAACCGTTGCCCTCCTTTCTGAATTCCA ACAGCGCCCAATGGGAAAATTCCCATACCCCTTAACAAAACAATCCCTCCACGCTC GTCCTTGCATGACAACTCTTTTGTAGGAAGTCCCTTACCTCCCGTCCAAAAAG CCCGCCCTTTTCACTATCTTCTTCTATGCACACAAGATCCCCCACCTTATG</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_017670
Insert Size:	1090 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:	NM_017670.1 , NP_060140.1
RefSeq Size:	1747 bp
RefSeq ORF:	816 bp
Locus ID:	55611
UniProt ID:	Q96FW1
Cytogenetics:	11q13.1
Protein Families:	Protease
Gene Summary:	<p>The product of this gene is a member of the OTU (ovarian tumor) superfamily of predicted cysteine proteases. The encoded protein is a highly specific ubiquitin iso-peptidase, and cleaves ubiquitin from branched poly-ubiquitin chains but not from ubiquitinated substrates. It interacts with another ubiquitin protease and an E3 ubiquitin ligase that inhibits cytokine gene transcription in the immune system. It is proposed to function in specific ubiquitin-dependent pathways, possibly by providing an editing function for polyubiquitin chain growth. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript.</p>