

Product datasheet for **SC214936**

SQSTM1 (NM_001142299) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SQSTM1 (NM_001142299) Human 3' UTR Clone
Symbol:	SQSTM1
Synonyms:	A170; DMRV; FTDALS3; NADGP; OSIL; p60; p62; p62B; PDB3; ZIP3
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001142299
Insert Size:	1515 bp



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Insert Sequence: >SC214936 3'UTR clone of NM_001142299
 The sequence shown below is from the reference sequence of NM_001142299. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGTATTCAAAGCATCCCCGCCGTTGTGACCACTTTTGCCACCTCTTCTGCGTGCCCTCTTCTGTC
TCATAGTTGTGTTAAGCTTGCGTAGAATTGCAGGTCTCTGTACGGCCAGTTTCTCTGCCTTCTCCAG
GATCAGGGGTTAGGGTGAAGAAGCCATTTAGGGCAGCAAAACAAGTGACATGAAGGGAGGGTCCCTGT
GTGTGTGTGCTGATGTTTCTGGGTGCCCTGGCTCCTTGACAGCAGGGCTGGCCTGCGAGACCCAAG
GCTCACTGCAGCGCCTCCTGACCCCTCCCTGCAGGGGCTACGTTAGCAGCCAGCACATAGCTTGCCCT
AATGGCTTTCACCTTCTTTTGTAAATGACTCATAGGTCCCTGACATTTAGTTGATTATTTTCTG
CTACAGACCTGGTACACTCTGATTTTAGATAAAGTAAGCCTAGGTGTTGTCAGCAGGCAGGCTGGGGAG
GCCAGTGTGTGGCTTCTGCTGGGACTGAGAAGGCTCACGAAGGGCATCCGCAATGTTGGTTTCACT
GAGAGCTGCCTCCTGGTCTCTTACCACCTGTAGTTCTCTCATTTCCAAACCATCAGCTGCTTTAAAT
AAGATCTCTTTGTAGCCATCCTGTTAAATTTGTAACAATCTAATTAATGGCATCAGCACTTTAACCA
ATGACGTTTGCATAGAGAGAAATGATTGACAGTAAGTTTATTGTTAATGGTCTTACAGAGTATCTTTA
AAAGTGCCTTAGGGGAACCCTGTCCCTCCTAACAAGTGTATCTCGATTAATAACCTGCCAGTCCCAGAT
CACACATCATCATCGAAGTCTTCCCCAGTTATAAAGAGGTCACATAGTCGTGTGGGTCGAGGATTCTGT
GCCTCCAGGACCAGGGGCCACCCTCTGCCAGGGAGTCTTGCCTCCATGAGGTCTTCCCAGGAGGC
CTCTCAGACCCAGATGTGACGGGGTGTGTGGCCCGAGGAAGCTGGACAGCGGCAGTGGCCTGCTGAGG
CCTTCTTGTAGGCTGTGCTCTGGGGTCCCTTGCTTAGCCTGTGCTGGACCAGTGGCCTGGGGTCC
CTCTGAAGAGACCTTGGCTGCTCACTGTCCACATGTGAACTTTTCTAGGTGGCAGGACAAATTGCGCC
CATTTAGAGGATGTGGCTGTAACCTGCTGGATGGGACTCCATAGCTCCTTCCCAGGACCCCTCAGCTCC
CCGGCACTGCAGTCTGCAGAGTTCTCCTGGAGGCAGGGGCTGCTGCCTTGTTCACCTTCCATGTCAGG
CCAGCCTGTCCCTGAAAGAGAAGATGGCCATGCCCTCCATGTGTAAGAACAATGCCAGGGCCAGGAGG
ACCGCCTGCCCTGCCCTGGGCTTGGCTGGGCTCTGGTTCTGACACTTCTGCTGGAAGCTGTCAGGCT
GGGACAGGCTTTGATTTGAGGGTTAGCAAGACAAAGCAAATAAATGCCTTCCACCTCACCGCAA
ACGCGTAAGCGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001142299.2](#)

Summary:

This gene encodes a multifunctional protein that binds ubiquitin and regulates activation of the nuclear factor kappa-B (NF- κ B) signaling pathway. The protein functions as a scaffolding/adaptor protein in concert with TNF receptor-associated factor 6 to mediate activation of NF- κ B in response to upstream signals. Alternatively spliced transcript variants encoding either the same or different isoforms have been identified for this gene. Mutations in this gene result in sporadic and familial Paget disease of bone. [provided by RefSeq, Mar 2009]

Locus ID:

8878

MW:

54