

Product datasheet for SC208918

DUSP1 (NM_004417) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DUSP1 (NM_004417) Human 3' UTR Clone
Symbol:	DUSP1
Synonyms:	CL100; HVH1; MKP-1; MKP1; PTPN10
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004417
Insert Size:	696 bp
Insert Sequence:	>SC208918 3'UTR clone of NM_004417 The sequence shown below is from the reference sequence of NM_004417. 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
AGCCCCATTACGACCTCTCCAGCTGCTTGAAAGGCCACGGGAGGTGAGGCTCTTCACATCCCATTGGGA
CTCCATGCTCCTTGAGAGGAGAAATGCAATAACTCTGGGAGGGGCTCGAGAGGGCTGGTCCTTATTTAT
TTAACTTCACCCGAGTTCTCTGGGTTTCTAAGCAGTTATGGTGATGACTTAGCGTCAAGACATTTGCT
GAACTCAGCACATTCGGGACCAATATATAGTGGGTACATCAAGTCCATCTGACAAAATGGGGCAGAAGA
GAAAGGACTCAGTGTGTGATCCGGTTTCTTTTTGCTCGCCCTGTTTTTTGTAGAATCTCTTCATGCTT
GACATACTACCAGTATTATTCCCGACGACACATATACATATGAGAATATACCTTATTTATTTTTGTGT
AGGTGTCTGCCTTCAAAATGTCATTGTCTACTCCTAGAAGAACCAAAATACCTCAATTTTTGTTTTTGA
GTACTGTACTATCCTGTAATATATCTTAAGCAGGTTTGTTCAGCACTGATGGAAAATACCAGTGTT
GGGTTTTTTTTAGTTGCCAACAGTTGTATGTTTGCTGATTATTTATGACCTGAAATAATATATTTCTT
CTTCTAAGAAGACATTTTGTTACATAAGGATGACTTTTTTATACAATGGAATAAATTATGGCATTCTCA
TTGAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites:	Sgfl-MluI
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).



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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:	<u>NM_004417.4</u>
Summary:	The protein encoded by this gene is a phosphatase with dual specificity for tyrosine and threonine. The encoded protein can dephosphorylate MAP kinase MAPK1/ERK2, which results in its involvement in several cellular processes. This protein appears to play an important role in the human cellular response to environmental stress as well as in the negative regulation of cellular proliferation. Finally, the encoded protein can make some solid tumors resistant to both chemotherapy and radiotherapy, making it a target for cancer therapy. [provided by RefSeq, Aug 2017]
Locus ID:	1843
MW:	26.8