

Product datasheet for **SC211978**

DUSP9 (NM_001395) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DUSP9 (NM_001395) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DUSP9
Synonyms: MKP-4; MKP4
ACCN: NM_001395
Insert Size: 1051 bp
Insert Sequence: >SC211978 3'UTR clone of NM_001395
The sequence shown below is from the reference sequence of NM_001395. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GATGGCGCCTTCGAGCTGGCCCCACCTAGGGCCCCGTGGCCGGCAGGCCGGCCCCCTGCCCCACCCCA
CCCACGGGTGTCCTGCCACTCGTGTGGCAAGGGAGGGGAGGCAGGAGGGCTCGGCCTGAGCAGGGT
GCTGGGGGGAGAGCGCAATACCTCACGCGGCTGCCGTCTAATCAACGTGCCTATGGCGGACACGC
TCGGAGCCTGCCTCTTCTGCGACTGTTACTTTTTCTTTGCGGGATGGGGTGGGGTTCCCTCTCCAGG
TGGTTGCCAGGCCAGGTCCCAGCCCTGGGTGCTCAGCCAGCTCGGCTAGGCCCTGCGCCTCCCTGCG
CTTCCCCCTTCAGGAAGGGTGTGTGCCACCTCGTTGCACTGGATCCCAGTGGCTGCTTGGGGGAGAGGC
GTTTGCCATCACTGGTGTGTGCACCTCCCTGTTTCTCCACCAAGGGCTTGGGCCTCTCGGGGCTGGGGC
CTCCAGGGGATGGGGACCCAGAGTGCAGTGGCCGCCACATCCATGGCCTAGGAGCTACTGGGCAGGT
TCCCGGCCACACATCTGGTGGGTGTTTTGTTTTTTTTTTTTCTTCCCCCAGATGTCTTGACGGGA
TCACTGGGGCTCTTTGTGAGTGAGGGTGGCCAAACTACCGCCGGAGGAGATGGGGTCTCAGAGCGAGAG
CTGCGGAGGGGGAGGGGAAGAAGAAGGCCTCACTTTGCTGCTGCGGGGCCACACAGCCCTGCTACT
TTGGGGGGTGGGAAGGGGCCAAGCTGCAGACACACAGTCATTCACTTCTGTCCACACCCCTGTGGG
TGGCGGGTGTGCGTGTGTGTGCTTGTGTGTGCGCACGTGTGCGGCTCACACACACATGCTAGCCACT
GATGCACCCAGCCAGGGCTGGCAGTCTTTCAGCGTGGGGCCGTCTCACCTGGAGCCTGGAGAGGAT
CTATGCTGTTTTTTGTAATCCATATCATAGTTGCTTTTAAATTGTTCTTCTGAATAAACAGT
TTATTTAAGATACTGA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI



[View online »](#)

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:	<u>NM_001395.4</u>
Summary:	The protein encoded by this gene is a member of the dual specificity protein phosphatase subfamily. These phosphatases inactivate their target kinases by dephosphorylating both the phosphoserine/threonine and phosphotyrosine residues. They negatively regulate members of the mitogen-activated protein (MAP) kinase superfamily (MAPK/ERK, SAPK/JNK, p38), which is associated with cellular proliferation and differentiation. Different members of the family of dual specificity phosphatases show distinct substrate specificities for various MAP kinases, different tissue distribution and subcellular localization, and different modes of inducibility of their expression by extracellular stimuli. This gene product shows selectivity for members of the ERK family of MAP kinases and is localized to the cytoplasm and nucleus. Aberrant expression of this gene is associated with type 2 diabetes and cancer progression in several cell types. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]
Locus ID:	1852
MW:	37.2