

Product datasheet for SC212689

DUSP5 (NM_004419) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: DUSP5 (NM_004419) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: DUSP5
Synonyms: DUSP; HVH3
ACCN: NM_004419
Insert Size: 1137 bp
Insert Sequence: >SC212689 3'UTR clone of NM_004419
 The sequence shown below is from the reference sequence of NM_004419. 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
AGCCCTGTGGCAACGGCCACATCCTGCTAAACTGGGATGGAGGAATCGGCCAGCCCCAAGAGCAACT
GTGATTTTGTTTTTAAGACTCATGGACATTTTCATACCTGTGCAATACTGAAGACCTCATTCTGTCATG
CTGCCCAAGTGAGATAGTGAGTGGTCACCAGGCTTGCAAATGAACTTCAGACGGACCTCAGGGTAGGTT
CTCGGGACTGAAGGAAGGCCAAGCCATTACGGGAGCACAGCATGTGCTGACTACTGTACTTCCAGACCC
CTGCCCTCTGGGACTGCCAGTCCTTGCACCTCAGAGTTCGCCTTTTCATTTCAAGCATAAGGCAATA
AATACCTGCAGCAACGTGGGAGAAAAGAAGTTGCTGGACCAGGAGAAAAGGCAGTTATGAAGCCAATTCA
TTTTGAAGGAAGCACAATTTCCACCTTATTTTTGAAGTTTGGCAGTTTCAATGTCTGTCTCTGTTGCT
TCGGGGCATAAGCTGATCACCCTAGTTGGGAAAGTAACCCACAGGTTTGTAGGGACATGATCAGC
ATCCTGATTTGAACCCTGAAATGTTGTGTAGACCCCTCTGGGTCCAATGAGGTAGTTGGTTGAAGTA
GCAAGATGTTGGCTTTTCTGGATTTTTTGGCCATGGGTTCTTCACTGACCTTGGACTTTGGCATGATT
CTTAGTCATACTTGAAGTTGTCTCATTCCACCTTCTCAGAGCAACTCTTCTTTGGGAAAAGAGTTC
TTCAGATCATAGACCAAAAAAGTCATACCTTCAGGGTGGTAGCAGTAGATTCCAGGAGGAGAAGGGTAC
TTGCTAGGTATCCTGGGTGAGTGGCGGTGCAAAGTGGTTTCTCAGCTGCCTGTCTTCTGTGTGTTA
TGTCTCTGTGACAATGTTTTCTCCCTGCCCTGGAGGTTGTCTTCAAGCTGTGGACTTCTGGGATT
TGCAGATTTTGAACGTGGTACTACTTTTTTTTTCTTTTTGTCTGTTAGTTATTTCTCCAGGGGAAAAG
GCAATAATTTTCTAAGACCCGTGTAATGTGAAGAAAAGCAGTATGTTACTGGTTGTTGTTGTTGTTCT
TGTTTTTATAGTGTAATAAAAAATAGTAAAA
ACGGGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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_004419.4</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 are 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 inactivates ERK1, is expressed in a variety of tissues with the highest levels in pancreas and brain, and is localized in the nucleus. [provided by RefSeq, Jul 2008]
Locus ID:	1847
MW:	42.3