

Product datasheet for **SC213262**

DUSP6 (NM_022652) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DUSP6 (NM_022652) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DUSP6
Synonyms:	HH19; MKP3; PYST1
ACCN:	NM_022652
Insert Size:	2000 bp



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Insert Sequence: >SC213262 3'UTR clone of NM_022652
 The sequence shown below is from the reference sequence of NM_022652. 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
TACCAGGTGGACTCTCTGCAATCTACGTGAAGACCCACACCCCTCCTTGTGGAATGTGTCTGGCCC
TTCAGCAGTTTCTTGGCAGCATCAGCTGGGCTGCTTTCTTTGTGTGTGGCCCCAGGTGTCAAATGA
CACCAGCTGTCTGTACTAGACAAGTTACCAAGTGCGAATTGGTTAATACTAACAGAGAGATTTGCTC
CATTCTCTTTGGAATAACAGGACATGCTGTATAGATACAGGCAGTAGGTTTGTCTGTACCCATGTGTA
CAGCCTACCCATGCAGGGACTGGGATTCGAGGACTTCCAGGCGCATAGGGTAGAACCAAATGATAGGGT
AGGAGCATGTGTTCTTTAGGGCCTTGAAGGCTGTTTCTTTTGCATCTGGAAGTACTATATAATTGT
CTTCAATGAAGACTAATTCAATTTTGCATATAGAGGAGCCAAAGAGAGATTTAGCTCTGATTTTGTGG
TATCAGTTTGGAAAAAATCTGATACCCATTTGATTATTGTAATATTTGATCTTGAATCACTTGA
CAGTGTGTTGTTGAATTGTGTTGTTTTTCTTTGATGGCTTAAAAGAAATTATCCAAAGGGAGAAA
GAGCAGTATGCCACTTCTTAAAACAGAACAAAACAAAAAAGAAAATTGTGCTCTTTTCTAATCCAAAG
GGTATATTTGCAGCATGCTTGACTTTACCAATTCTGATGACATCTTTACGGACACTATTATCACTAAGA
CCTTGTTATGGCGAAGTCTTTAGTCTTTTTCATGTATTTTCTCATGATTTTTTCTTTTATGTAGTTT
GACTATGCCTTACCTTTGAAATATTTTGTGTTGTGTCGAAAGGGGATAATCTGGGAAAGACACC
AAATCATGGGCTCACTTTAAAAAAGAAAGAATAAAAAACCTTCAGCTGTGCTAAACAGTATATTACC
TCTGTATAAAATCTTTCAGGGAGTGTACCTCAAATGCAATACTTTGGGTTGGTTTCTTTCTTTAAAA
AAATTTGTATAAACTGGAAGTGTGTGTGTGAGCATGGTACCCATTTGATAAGAGAAATGCATTTG
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TAAGAATGTAACCTTAAATTATTAATAAATAACTATTTTGGCTATTGAATGTGTGTTTTTAAAACT
CAGTTATACCTATGTGTGAAGTGACACATTTTAGAACTTTTTTATTTCAGGGATTGATTTTACTTGTAG
GCATAGTAGGGCAAGGTTCTTTTAAAGCTTTTCTAGAACGTTTTTTCAGCAGCAGTTTATGAAATTCATC
GTTTGGCCACGAATAAAGATGACATCCTAGAATGGACCGACTGTACCGTGTATATGAACAATACCTCTTA
TGAGTATAGTTCCGGCTAAGATTTTAAAGCCCTGAAGAAAAATGAACCTATAGAGCATAGCTTGCTG
AGGAATACAATTTGGATATTAACCACAGAGAGGTGTAGCAGAATACCAAGATGACAGCCACATGTTAAC
CTCCTCCCTATCCTTCACTGTCAGGATCTTCTGCTTTATAATGCTGAGATAATGCCAAAGAGGAAGTAG
GGATAATCTTTTTCCAGTCTGTTGTCATGGGCAATTCTACCTGCAGATATCCTAGTGTGAGAATGCTG
AATCCAGAATGATGTCTCCACTTTTTCCCTAGCATGCGCATGGCAAGGCATATCTAAGCTTCTCACC
GTGTCAGGATATGGCTTTAGAATTTTACATTGGCACTTAGGAGGCAACTTTGTCATCCCTGTTGTAATG
TGCTTTTTTGTAACTGGCTTGGGATGTGGGTGAGAAACCTTATTGAACTTGTGGGGATTATTTTA
GTTTCTTTTCAAGCTAAAGACTTATATCTTGCCATTTTTTCTTGGGACCTACCCTCTCCTTACCTCAA
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_022652.4](#)

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 ERK2, is expressed in a variety of tissues with the highest levels in heart and pancreas, and unlike most other members of this family, is localized in the cytoplasm. Mutations in this gene have been associated with congenital hypogonadotropic hypogonadism. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2014]

Locus ID:

1848

MW:

77.2