

Product datasheet for **SC214288**

DUSP18 (NM_152511) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DUSP18 (NM_152511) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DUSP18
Synonyms:	DSP18; DUSP20; LMWDSP20
ACCN:	NM_152511
Insert Size:	2000 bp



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Insert Sequence: >SC214288 3'UTR clone of NM_152511
 The sequence shown below is from the reference sequence of NM_152511. 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
AAGGAAGTCCGTTTGATGATTCCACTGTGAGCCATCCCACGAGCCCTGCATTGGAGTCAGAGGTACAG
ATCTATTGTTGATCTTACACCAAGATCCAACTTGAACATTCTACTTTTGTGATACAGAAAAAACAG
ATGATGCCTTTTATGAGCACAAAAAGAGTTGCTGTAGCTTTTAACTTTATAATCCATTTTTTTAAGA
TTAAACTAATTGTGAGATGGTGAAGATAAATTTCTGCCCTGTGAGTGACACTGGCCAGGGGATAGGTT
GAGGCAGATGGTCCCAGAAGAAAGAGGGCAGCACCCATTGCACATGGCAGGCCTGGAATCCTGCAGCC
CTCCCCAAAAACAGATTGACCCAGGAATGAATCTGCTACAATTCCACCTCATTCTTTCACACCCAGAGC
CAGAGCCTTAAGCATCATGGTACCTCTTGCCTTCTTACAGTGAGTGCCAATCTACTAGATAAATGGCC
TTCAGGCAGTGTCCAGGAATCCTGGGGGTCCCAGGCCACCTCTGCTTCCACCTTCACTATAAGTGGC
CCAGTTCTGGTTTTCTAGATTGACTTATGCATAAGATAGTTTTTAAAGAAAGCATTCCACTGTGTAAA
TTTTTTTTTGTCTTTTTTGAACCTGCTCTGTCTGTCACCCATCCTAGAGTGCAGTAGTGTGATCATG
GCTCACTGTAGCCACAACCTCTCAGGCTCAAGTATCCTTACCTTAGCCTCCTGCGTGGCTGGGACT
ACAGATGTTTGCCACCATGCCCGCTCATTTTTTTCTTTTTTATAGAGATGAGATTTTACTATGTCG
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CACTGTACCCGATACCACTGTATAAAAAATTTAAAAAAATTTGTGAGTGCTATTGTACATGGCAAAGT
TTCAAAGAGCTCTTGCCATCCCTCACCAAACTTTGGCAAAGATGGTGTAGTCCCTTCTCCAGGGC
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AGCTTCGGACCAAGGCCAGCCCTGTACCTCCTTTCATGTGATGTGGACCCCTGGGAGCATCAGTGT
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CAGCCTTGTGTTAGAACTACTATGAAAACCTGCACCCCGGCTGACTACTGGGATCCATAAGGGGGCCGTG
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CCAAGGACCTGGCTGAAGACCAGCTCTTCTGATCCAGAGTTTTTCAAGCAACAGCATTGAAACAAAAG
CACAGTCTCTGTTTGACACCAAACCTGTGGCTCCAGATTCCAGTAGAAGCCAAATGCTTTTTCTTTTA
ACAGCTGGGTGCCTGTAATCCCAGTTACTTGGGAGGCTGAGGCAGGAGAAATTGCTTGAACCCAGGAGGC
GGAGGTTGCAGTGAGCCGAGCTTGACCAATTGCACTCCAGCCTGGGCAACAAGAGTGAGACTCCATCT
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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).

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_152511.5](#)

Summary: Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP18 contains the consensus DUSP C-terminal catalytic domain but lacks the N-terminal CH2 domain found in the MKP (mitogen-activated protein kinase phosphatase) class of DUSPs (see MIM 600714) (summary by Patterson et al., 2009 [PubMed 19228121]).[supplied by OMIM, Dec 2009]

Locus ID: 150290

MW: 74.5