

Product datasheet for **SC321328**

DUSP11 (NM_003584) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUSP11 (NM_003584) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUSP11
Synonyms:	PIR1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_003584.1
 GCCGAGTCTTTTCTGTTTAGGGTCTTATCCTGGCATTGAGGGCGCCGGACTGGCGCTTT
 TGGCCGGCTTGGCATTGGGTGGGCGGCTTCTTGGGACCCACATGAGCCAGTGGCATCATC
 CCCGCAGTGGCTGGGGCCGGAGACGCGACTTTTCAGGACGCTCCTCAGCCAAGAAGAAGG
 GCGGAAACCACATCCCCGAAAGGTGAAAGACTATCTCCAGTTGGACAGCGGATGCCTG
 GGACTCGTTTCATTGCTTCAAAGTTCCTTTGCAAAAAGAGTTTGGAAAAGAACTTGCTC
 CAGAAGAATGCTTTTCCCCTTTGGATCTTTTAAACAAAATCCGAGAACAAAATGAAGAAC
 TTGGACTGATTATTGATTTAACATATACTCAACGCTATTATAAACCCAGAGGATTTGCCAG
 AAAGTGTCTTACTTAAAAATTTTACAGTTGGACATCAAGTGCCTGATGATGAGACTA
 TTTTAAATTCAAACACGCTGTTAATGGGTTTTTAAAAGAAAATAAGATAATGATAAAC
 TTATTGGTGTCCACTGTACCCATGGTTTAAACAGGACTGGCTACCTCATTTCATATATT
 TGATTGATGTAGAAGGCGTGAGGCCAGATGATGCAATTGAATTATTCAATAGGTGCCGGG
 GACATTGCTTAGAAAGACAAAACATGAAGACCTCAGAATGGTCTATCAGAAAAGA
 ATTGGAATCCAGTGTACCCAGTCAAGTATTTGAAGACTCAGCACATCTCATGCAAC
 CAGTCCACAATAAGCCTGTTAAACAAGGACCTAGGTATAATCTACATCAGATCCAGGGTC
 ACTCAGCTCCTCGACATTTCCACACCCAGACCCAAAGTTTGCAACAATCAGTCAGAAAAT
 TTTCCAGAGAATCCACATGTTTACCAGAGACACCATCTCCCTCCTCTGGTCCCCCTGGAG
 AGGACTATTCACACAGGAGGTATTCTTGGAAATGTGAAGCCCAATGCCAGTCGGGCAGCCC
 AGGATAGAAGAAGGTGGTATCCTTATAATTACTCCAGACTCTCCTATCCAGCCTGTTGGG
 AATGGACCCAGTGATACAAACCTGTCTGGAAATCTACCTGGAGACCAGAGCTGGCCTGA
 AAATTACTGGTGTGACTTTTAAATAGTTCAGGTCTAATCAGGTTTCTTTATTGTTCCCTT
 ATGTATTCAAGCTTAAGGAAAAATGCATTGCTGTTTACCTCTTTGCTGATAAATTTGCA
 GTAATTACAGCATTGCAGGAAAAACAATCTGTTATTCCAGTCTTAAATTTTCTAAAAGA
 AGACAATATTTTAGAAGTGAAGCATTGAGAAGTCCCTTGCAAATTTTTTAAATTTCT
 ATCTTGTTTTTCTATGATTTCTTTCTGACTAGACTTGTGATATGCGTGTGTTTTATGTAC
 AGAAATTTTGTGTTTTGTTATGTTCTGTTATTGACCCAAAGGCCATCTTTATTTTCT
 ATAAGTGTCAAATTTATATTAATCTACTTAGGAGATAATTTCTTTAGAACCTAAAA
 AAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_003584

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_003584.1 , NP_003575.1
RefSeq Size:	1639 bp
RefSeq ORF:	993 bp
Locus ID:	8446
UniProt ID:	O75319
Cytogenetics:	2p13.1
Domains:	DSPc
Protein Families:	Druggable Genome, Phosphatase
Gene Summary:	<p>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 is localized to the nucleus and binds directly to RNA and splicing factors, and thus it is suggested to participate in nuclear mRNA metabolism. [provided by RefSeq, Sep 2008]</p>