

## Product datasheet for **SC127867**

### DUSP21 (NM\_022076) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	DUSP21 (NM_022076) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUSP21
Synonyms:	LMWDSP21
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127867 sequence for NM_022076 edited (data generated by NextGen Sequencing)

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ATGACAGCATCCGCGTCTCTCTTTTCATCATCTCAGGGTGTCCAGCAGCCCTCCATCTAC
AGCTTCTCCCAAATAACCAAGAAGCTTGTTTCTCAGCAATGGTGTGGCCGCAACGACAAA
CTCCTTCTGTCCAGCAATCGCATCACCGCCATTGTCAATGCCTCGGTGGAAGTGGTCAAC
GTATTCTTCGAGGGCATTAGTACATAAAGGTGCCTGTTACCGATGCTCGTGACTCGCGT
CTCTACGACTTTTTTGACCCATTGCTGATCTTATCCACACCATCGATATGAGGCAGGGC
CGTACGCTGCTGCACTGCATGGCTGGAGTGAGCCGTTCCGCCTCACTGTGCCTTGCGTAC
CTCATGAAATACCACTCCATGTCGCTGCTGGACGCCATACATGGACCAAGTCGCGCCG
CCCATCATCCGGCCCAACAACGGCTTTTGGGAACAGCTCATCAATTACGAATTCAAGCTG
TTTAATAACAACACCGTGCGCATGATCAACTCGCCGGTAGGTAACATCCCTGACATCTAT
GAGAAGGACCTACGTATGATGATATCAATGTAA
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Clone variation with respect to NM\_022076.3



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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_022076 unedited GCGGCCGCGAATTCAGATCTGGTACCGCCTTGATGACAGCATCCGCGTCCTCCTTTTCAT CATCTCAGGGTGTCCAGCAGCCCTCCATCTACAGCTTCTCCAAAATAACCAGAAGCTTGT TTCTCAGCAATGGTGTGGCCGCAACGACAAACCTCTGTCCAGCAATCGCATCACCG CCATTGTCAATGCCTCGGTGGAAGTGGTCAACGTATTCTTCGAGGGCATTAGTACATAA AGGTGCCTGTTACCGATGCTCGTGACTCGCGTCTCTACGACTTTTTTGACCCCATGCTG ATCTTATCCACACCATCGATATGAGGCAGGGCCGTACGCTGCTGCACTGCATGGCTGGAG TGAGCCGTTCCGCCTCACTGTGCCTTGCGTACCTCATGAAATACCACTCCATGTCGCTGC TGGACGCCATACATGGACCAAGTCGCGCCGCCCATCATCCGGCCCAACAACGGCTTTT GGGAACAGCTCATCAATTACGAATTCAAGCTGTTTAATAACAACACCGTGCGCATGATCA ACTCGCCGGTAGGTAACATCCCTGACATCTATGAGAAGGACCTACGTATGATGATATCAA TGTAAGCCATCCCGCCAGCCCTGACATCTGCCATCGATCTTGCTCGACTCTAGATTGC GGCCGCGTCATAGCT
<b>Restriction Sites:</b>	Please inquire
<b>ACCN:</b>	NM_022076
<b>Insert Size:</b>	650 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_022076.2</a> , <a href="#">NP_071359.2</a>
<b>RefSeq Size:</b>	889 bp
<b>RefSeq ORF:</b>	573 bp
<b>Locus ID:</b>	63904
<b>UniProt ID:</b>	<a href="#">Q9H596</a>
<b>Cytogenetics:</b>	Xp11.3
<b>Protein Families:</b>	Druggable Genome, Phosphatase
<b>Gene Summary:</b>	This gene encodes a member of the dual specificity phosphatase family, specifically the low molecular weight dual specificity phosphatase family. The encoded protein localizes to both the cytoplasm and the nucleus and functions to remove phosphate groups from phosphotyrosine and phosphothreonine residues.[provided by RefSeq, Mar 2009]