

Product datasheet for **SC110786**

DUSP15 (NM_177991) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUSP15 (NM_177991) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUSP15
Synonyms:	C20orf57; VHY
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC110786 sequence for NM_177991 edited (data generated by NextGen Sequencing) ATGACTGTGACGGGGCTAGGCTGGCGGGACGTGCTTGAAGCCATCAAGGCCACCAGGCC ATCGCCAACCCCAACCCAGGCTTTAGGCAGCAGCTTGAAGAGTTTGGCTGGGCCAGTTCC CAGAAGCTTCGCCGCGCAGCTGGAGGAGCGCTTCGCGCAGAGCCCCCTCCGCGACGAGGAG GAGTTGCGCGCGCTGCTGCCGCTGTGCAAGCGCTGCCGGCAGGGCTCCGCGACCTCGGCC TCCTCCGCCGGGCCCACTCAGCAGCCTCCGAGGGAACCGTGCAGCGCCTGGTGCCGCGC ACGCCCGGGAAGCCACCGGCCGCTGCCGCTGCTGGCGCGCTCAAGCAGACTTTCTCT TGCCTCCCCGGTGTCTGTCCCACAAGGGCGGCAAGTGA

Clone variation with respect to NM_177991.1



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_177991 unedited TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCCGCCTCTGACCTT CTGTTCTCGCCGGTCTCCGTGCGGCGGCATCTCCGTGTCCCTGTGACTCGAGACCGCGGC TGTCGGGTCTCCCCCTCTCTGACCCTGCGTCTCTGTCCCCGTGTGTCCGCCCTCTCTCC GTGACTCTGTGTCTCTCGTGTCTTGTGTGGCTGTCACTCCCAGGCTGTCTCCCAGT ACTTCTGGACTCTACCTCGAAACTTCATTGATGCCAAAGACCTGGATCAGCTGGGCCG AAATAAGATCACACACATCATCTCTATCCATGAGTCACCCAGCCTCTGCTGCAGGATAT CACCTACCTTCGCATCCCGGTGCTGATACCCCTGAGGTACCCATCAAAAAGCACTTCAA AGAATGTATCAACTTCATCCACTGCTGCCGCCTTAATGGGGGAACTGCCTTGTGCACTG CTTTGCAGGCATCTCTCGCAGCACCACGATTGTGACAGCGTATGTGATGACTGTGACGGG GCTAGGCTGGCGGGACGTGCTTGAAGCCATCAAGGCCACCAGGCCATCGCCAACCCCAA CCCAGGCTTTANGCAGCAGCTTGAAGAGTTTGGCTGGGCCAGTCCAGAAAGCTTCGCCG GCAGCTGGAGGAGCGCTTCGGCGAGAGCCCTTCCGCGACGAGGGAGAGTTGCGCGCGCT GCTGCCGCTGNGCAAGCGCTGCCGGCAGGGCTCCGCGACCTCGGCCTNCTNCGNCGGGCC GNNACTAACAGCCTCCGAGGGACCGTGCNACGCCTGGTGCCCGGCACGCCCCGGAAGCC CACCGGCCGCTGCGCTGCTGGCGCGCTNAANCANACTTCTCTTGCCTCCCCGGGTCTG CCCCGCAGCCGGCAGAGAGGAGCCC
Restriction Sites:	NotI-NotI
ACCN:	NM_177991
Insert Size:	1500 bp
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).
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_177991.1 , NP_817130.1
RefSeq Size:	1184 bp
RefSeq ORF:	399 bp
Locus ID:	128853
UniProt ID:	Q9H1R2
Cytogenetics:	20q11.21
Protein Families:	Druggable Genome, Phosphatase

Gene Summary:

The protein encoded by this gene has both protein-tyrosine phosphatase activity and serine/threonine-specific phosphatase activity, and therefore is known as a dual specificity phosphatase. This protein may function in the differentiation of oligodendrocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon compared to isoform a. Variants 2 and 3 both encode isoform b, which has a shorter N-terminus than isoform a.