

Product datasheet for **SC301688**

DUSP15 (NM_001012644) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	DUSP15 (NM_001012644) Human Untagged Clone
Tag:	Tag Free
Symbol:	DUSP15
Synonyms:	C20orf57; VHY
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001012644, the custom clone sequence may differ by one or more nucleotides ATGACTGTGACGGGGCTAGGCTGGCGGGACGTGCTTGAAGCCATCAAGGCCACCAGGCC ATCGCCAACCCCAACCCAGGCTTTAGGCAGCAGCTTGAAGAGTTTGGCTGGGCCAGTTCC CAGAAGCTTCGCCGGCAGCTGGAGGAGCGCTTCGGCGAGAGCCCTTCCGCGACGAGGAG GAGTTGCGCGCGTGTGCTGCCGTGTGCAAGCGCTGCCGGCAGGGCTCCGCGACCTCGGCC TCCTCCGCGGGCCGCACTCAGCAGCTCCGAGGGAACCGTGCAGCGCTGGTCCCGCG ACGCCCCGGGAAGCCACCGGCCGCTGCCGCTGTGGCGCGCTCAAGCAGACTTCTCT TGCTCCCCGGTGTCTGTCCCGCAAGGGCGGCAAGTGA
Restriction Sites:	Please inquire
ACCN:	NM_001012644
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).



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Reconstitution Method:

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_001012644.1](#), [NP_001012662.1](#)

RefSeq Size: 1212 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 (3) 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.