

Product datasheet for RN212872

Dusp15 (NM_001108598) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp15 (NM_001108598) Rat Untagged Clone
Tag: Tag Free
Symbol: Dusp15
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN212872 representing NM_001108598
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCC

ATGGGAAATGGCATGACCAAGTACTTCTGGACTCTACCTTGGAACTTCATTGATGCCAAGACCCGG
 ATCAGCTGGGCCGGAATAAGATCACGCACATCGTCTCTATCCACGAATCACCTCAGCCTCTATTGCAGGA
 TATCACCTATCTCGAATCTCAGTGTCTGACACTCCTGAGGTACCCATCAAAAAGCACTTCAAAGAATGT
 GTCCACTTTATCCACTTTGTCGTCTCAACGGGGGAAGTGCCTTGTGCACTGCCTATCTTTACCTCGG
 GATCTTTCTTTGCAGGTATATCACGAAGTACCACCGTAGTGATCGCCTATGTGATGACAGTGACCCGGACT
 TGGCTGGCAGGAAGTACTTGAAGCCATCAAGGCCTCCCGGCCATCGCCAACCAAAACCCGGGCTTTAGG
 CAGCAACTTGAGGAGTTTGGCTGGGCAAACTCCCAGAAGCTTCGCCGGCAGCTGGAGGAGCGCTTCGGGG
 AGATCCCGTTCGCGACGAGGAGACTTGCAGCGCTGCTGCCTCTGCAAGGCGCTGTCGCCAGGGTCC
 GGGGACTTCGGCCCCGTGGCCACCACAGCGTCTCGGCCGCTTCGAGGGGACCCTGCAGCGCCTGGT
 CCGCGATCGCCGGGAATCACACCGGCCGCTGCCGCTGCTGGCGCGCTCAAGCAGACTTCTTCTGCC
 TCCCCGGTGCCTGTCGCGCAAGGGCGCAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: AscI-MluI
ACCN: NM_001108598
Insert Size: 735 bp



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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:	<u>NM_001108598.2</u> , <u>NP_001102068.2</u>
RefSeq Size:	3164 bp
RefSeq ORF:	735 bp
Locus ID:	362238
UniProt ID:	<u>B4F7B7</u>
Cytogenetics:	3q41
Gene Summary:	May play a role in the regulation of oligodendrocyte differentiation. May play a role in the regulation of myelin formation (PubMed:27532821). Involved in the regulation of Erk1/2 phosphorylation in Schwann cells; the signaling may be linked to the regulation of myelination (PubMed:27891578). May dephosphorylate MAPK13, ATF2, ERBB3, PDGFRB and SNX6 (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).