

Product datasheet for RN207938

Dusp26 (NM_001012352) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp26 (NM_001012352) Rat Untagged Clone
Tag: Tag Free
Symbol: Dusp26
Synonyms: RGD1310090
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207938 representing NM_001012352
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGCCCGGTAACCTGGCTGTGGGCTTCATGACTTTTATGGCCCGCTTCTCCGAAGCAGCTCAAGGT
 CCCCTGTTTCGTACCCGAGGGAGCCTGGAGGAGATGCCAGTGTTACCATCCCTTCTCAATGTCTTTGA
 GTTGAAAGGCTCCTCTACACGGCAAGACAGCCTGCAACCATGCTGACGAGGCTGGCCAGGCCTCTAC
 CTCGGAGACCAGGACATGGCCAACAACCGCCGTGAGCTTCGTGCGCTGGGCATCACCCACGTCCTCAACG
 CCTCCACAGCAGGTGGCGAGGCACCCCGAGGCCACGAGGGACTGGGCATCCGCTACCTGGGTGTTGA
 AGCCCAGACTCGCCAGCCTTTGACATGAGCGTCCACTTTCAAACCGCTGCGGACTTTATCCATCGGGCA
 CTGAGCCAGCCAGGAGGGAAGATCCTGGTGCACTGTGCGGTGGGAGTGAGCAGATCTGCCACCCTGGTGC
 TGGCCTACCTCATGCTGTACCACCACTTACCCTCGTGGAGGCCATCAAGAAAGTCAAGGACCACCGAGG
 CATCATCCCCAACAGGGGCTTCTTGAGACAGCTCCTAGCCCTGGACCGTAGGCTGCGTCAGGGTCTAGAA
 GCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001012352
Insert Size: 636 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_001012352.1</u> , <u>NP_001012352.1</u>
RefSeq Size:	1630 bp
RefSeq ORF:	636 bp
Locus ID:	306527
UniProt ID:	<u>Q5FVI9</u>
Cytogenetics:	16q12.3
Gene Summary:	Inactivates MAPK1 and MAPK3 which leads to dephosphorylation of heat shock factor protein 4 and a reduction in its DNA-binding activity.[UniProtKB/Swiss-Prot Function]