

Product datasheet for RN210920

Dusp1 (NM_053769) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp1 (NM_053769) Rat Untagged Clone
Tag: Tag Free
Symbol: Dusp1
Synonyms: 3CH134; CL100; MKP-1; Mkp1; Ptpn16
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210920 representing NM_053769
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGTGATGGAGGTGGGCATCCTGGACGCCGGGGGCTGCGCGCGCTGCTGCGAGAGCGCGCCGCTCAGT
 GCCTGTTCTGGATTGTCGCTCCTTCTTCGCTTCAACGCCGGCCACATCGTGGGCTCAGTGAACGTGCG
 CTTTCAGCACCATCGTGGCGCCCGCCCAAGGGGCCATGGGCCCTGGAGCATATCGTGCCGAACACCGAA
 CTGCGCGCCCGCCTGCTGGCCGGAGCCTATCACGCCGTAGTGCTGCTGGACGAACGACGCGCCGCCCTGG
 ACGGCGCAAGCGCGACGGCACCCCTGGCCCTGGCCGCGGGCGCGCTCTGCCGAGAAGCGCGCTCCACTCA
 AGTCTTCTTCTCCAAGGAGGATATGAAGCGTTTTTCGGCTTCTGCCCTGAGCTGTGCAGCAAACAGTCC
 ACCCCCATGGGGCTCAGCCTCCCCTGAGTACTAGTGTGCCTGACAGTGCAGAATCCGGATGCAGCTCCT
 GTAGCACCCCTCTCTACGACCAGGGGGCCAGTGGAGATCCTGTCTTCTGTACCTGGGCAGTGCTTA
 CCATGCTTCCCGAAAGATATGCTCGACGCTTGGGTATCACTGCTTTGATCAACGTCTCGGCCAATTGT
 CCTAACCCTTTGAGGGTCACTACCAGTACAAGAGCATCCCTGTGGAGGACAACCACAAGGCAGACATTA
 GCTCCTGGTTCAACGAGCGGATTGACTTTATAGACTCCATCAAGGATGCTGGAGGAAGGGTGTGTTGCA
 CTGCCAGGCCGGCATCTCCAGGTCAGCCACCATCTGCCTTGTACCTCATGAGGACTAACCAGTGAAG
 CTGGACGAGGCCCTTTGAGTTCGTAAGCAGAGGCGGAGTATTATCTCCCCAACTTCAGCTTCATGGGCC
 AGCTGCTGCAATTTGAGTCCCAAGTACTGGCCCTCACTGTTCTGCAGAAGCTGGAGGCCCGCCATGGC
 TGTCTTGACCGGGCACCTCTACTACAACGGTCTTCACTTCCCTGTCTCCATCCCTGTTACCCACAG
 AACAGTGCCTGAACTACCTTCAAAGCCCCATCACAACCTCTCCGAGCTGCT**GTA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_053769



[View online »](#)

Insert Size:	1104 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:	<u>NM_053769.3</u> , <u>NP_446221.2</u>
RefSeq Size:	1940 bp
RefSeq ORF:	1104 bp
Locus ID:	114856
UniProt ID:	<u>Q64623</u>
Cytogenetics:	10q12
Gene Summary:	This gene encodes a protein that catalyzes the dephosphorylation and inactivation of MAP kinase, and may be involved in insulin mediated signalling. [provided by RefSeq, Jul 2008]