

Product datasheet for **MR220464**

Dusp12 (NM_023173) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp12 (NM_023173) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dusp12
Synonyms:	1190004O14Rik; AA027408; AW049275; ENSMUSG00000045460; ESTM36; LMW-DSP4; mVH1; T-DSP4; VH1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR220464 representing NM_023173 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTGGAAGCGCAGGGTTCTAACCATGGCTGCGAGCGCCAGGCTCCGACTGCCAGTCCCGCCAGCTCGG
CAGGGCACGCCGTGGAAGTGCAGCCCGGGCTGTATCTGGGTGGGCAGCGCAGTGGCGAAACCGGGCCA
TCTGAGGGAGGCGGGCATCACCGCGTGTGACGGTGGACTCTGAACCGCTTTCCCGGCTGGGGCTGGG
TTCGAAGGTCTCCGGAGCCTCTTCGTGCCGGCGCTGGACAAACCCGAGACCGACCTGCTCAGCCACCTGG
ATCGTGCCTGGCCTTCATCGGCCAGGCTCGCTCCGAAGCGCGCGGTGTTGGTGCAGTGCATGCAGG
AGTCAGTCGCAGTGTGCTGTAGTGATGGCTTTTATAATGAAGACCGACCAGCTTACCTTTGAAAAAGCC
TACGACATCCTCCGGACGGTCAAGCCAGAGGCTAAAGTGAATGAGGGTTTGAATGGCAACTGAACTGT
ATGAGGCAATGGGATACGAAGTCGATACGTCAGTGCCTTTTACAAGCAGTACCGTTTACAAAAGGTGAC
TGAGAAGTGTCCAAAACCTTTGGAATTTACCTCAGGAACTCTTCGCTGTTGACCCAACTACATTTACAG
GGATAAAAGATGACATTCTCTACAAATGCAGAAAATGCAGGCGGTCTTTATTTAGACATTCTAGTATTT
TGGGTCATAGTGAAGGAAGTGGGCAATAGCCTTTGCTCACAAGAGAACGGCGCCATCTTCTGTACTTAC
CACAGGGAGTCAGGCTCAGTGCAGCTTACTTCACTTGCAGCTGTGCAGTGGATGGAATCTACTCTGTTG
GGCGTTATGGATGGACAGCTTCTTTGCCAAAAATGCAGTGCCAAGTTGGGTTCTTTAACTGGTATGGTG
AACAGTCTCCTGTGGTCGATGGATAACCCCTGCTTTTCAAATACACAAGAACAGAGTGGATGAAATGAA
AATGTTGCCGGTGTGGATCACAGACAAGAAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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_023173.2](#), [NP_075662.2](#)

RefSeq Size: 1413 bp

RefSeq ORF: 1020 bp

Locus ID: 80915

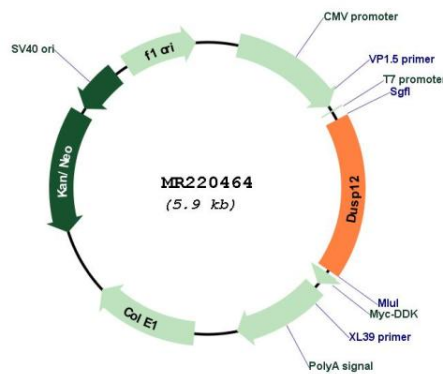
UniProt ID: [Q9D0T2](#)

Cytogenetics: 1 H3

MW: 37.6 kDa

Gene Summary: Dual specificity phosphatase; can dephosphorylate both phosphotyrosine and phosphoserine or phosphothreonine residues. Can dephosphorylate glucokinase (in vitro). Has phosphatase activity with the synthetic substrate 6,8-difluoro-4-methylumbelliferyl phosphate and other in vitro substrates.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220464