

Product datasheet for **MC212114**

Dusp22 (NM_134068) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Dusp22 (NM_134068) Mouse Untagged Clone
Tag: Tag Free
Symbol: Dusp22
Synonyms: JKAP; JSP1; LMW-DSP2; MKPX
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212114 representing NM_134068
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGGGAGTGGGATGAGCCAGATCCTGCCGGCCCTGTACATTGGCAACTCAAAGACGCAAGAGATGCAG
AACAGTTGAGCAGGAACAAGGTGACACACATTCTTTCTGTGCACGATACTGCCAGGCCCATGTTGGAGGG
AGTTAAATACCTGTGTATTCCAGCGGCAGACACACCATCTCAAAACCTGACAAGACATTTCAAAGAAAGC
ATTAATTCATTCATGAGTGCCGACTCCAGGGTGAGAGCTGTCTTGTACATTGCCTGGCTGGGGTCTCCA
GGAGTGTGACATTGGTGATCGCATACATCATGACTGTCACCGACTTTGGCTGGGAAGATGCCTTGCACAC
TGTTCTGTGCGGGGAGGTCTGTGCCAACCCCACTGGGCTTTCAAAGGCAGCTGCAGGAGTTTGAGAAA
CATGAAGTGCACCAGTATCGGCAATGGCTGAGAGAAGAGTATGGAGAGAACCCTTTGCGGGATGCAGAAG
AAGCCAAAATATTCTGGCTGCCCGGGAATCTGAAGTACTGGGCTTTCTCAGAAGACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_134068
Insert Size: 555 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).



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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_134068.3, NP_598829.1</u>
RefSeq Size:	1102 bp
RefSeq ORF:	555 bp
Locus ID:	105352
UniProt ID:	<u>Q99N11</u>
Cytogenetics:	13 A3.2
Gene Summary:	Activates the Jnk signaling pathway. Dephosphorylates and deactivates p38 and stress-activated protein kinase/c-Jun N-terminal kinase (SAPK/JNK).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (b) has a shorter and distinct C-terminus, compared to isoform a.