

Product datasheet for MR222119

Dusp4 (NM_176933) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dusp4 (NM_176933) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dusp4
Synonyms:	2700078F24Rik; A1844617; BB104621; E130306H24Rik; MKP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR222119 representing NM_176933 Red=Cloning site Blue=ORF Green=Tags(s)

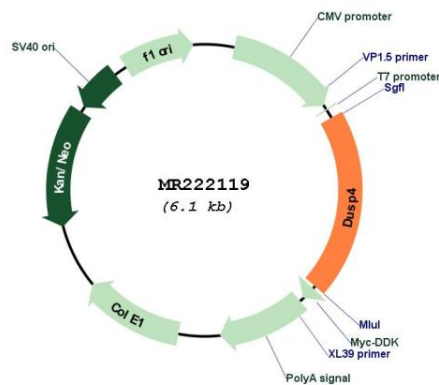
TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGACGATGGAGGAAGTGGGGAGATGGACTGCAGCGTGCTCAAAGGCTGATGAACCGGGATGAGA
ACGGCGGGCGGGCAGCGCGGGCAACGGCAGCGCCAGCCACGGCGCCTTGGGGCTGCTGAGCGGCGG
CAAGTGCCTGCTGCTGGACTGCAGGCCGTTTCTGGCTCACAGCGGGCTACATCCGAGGCTCGGTGAAC
GTGCGTGCAATACCATCGTGGCGGAGGGCCAAGGGCTCCGTGAGCCTGGAGCAGATCCTGCCGCCG
AGGAAGAGGTGCGTGCCCGCCTGCGCTCTGGCCTCTACTCGGCTGTCATCGTCTACGACGAGCGCAGCCC
GCGCGCCGAGAGTCTCCGGGAGGACAGCAGCGTGTGCTGGTTCGTGACGCGTTCGCGCCGAACCGGGAG
CGCACGGACATCTGCCTGCTAAAGGTGGCTATGAGAGTTTTCTTCTGAATACCCAGAATTCTGCTCTA
AAACCAAGGCCCTGGCCGCCATCCCACCCCTGTACCTCCAGCACCAATGAGTCCTTGGACCTGGGCTG
CAGCTCCTGTGGAACCCCGCTGCACGACCAGGGGGCCCCGTGGAATCCTCCCTTCTACCTCGGC
AGTGCCTACCATGCTGCCCGCAGGGACATGTTGGATGCCCTGGGGATCACGGCCCTCCTGAATGTCTCT
CAGACTGTCCCAATCACTTTGAGGGTCATTACCAGTACAAGTGCATCCCCGTGAAGACAACCACAAGGC
CGACATCAGCTCCTGGTTCATGGAAGCCATCGAGTACATCGACGACGTAAGGACTGTCGAGGGCGAGTG
CTGGTTCACTGCCAGGCCGATCTCCGATCAGCCACCATCTGCCTGGCCTACCTGATGATGAAGAAG
GGGTGAGGCTGGAGGAGCTTTTGAGTTCGTCAAGCAGCGCCGAAGCATCATCTGCCCAACTTCAGCTT
CATGGGCCAGTTGCTGCAGTTTGTGCTCAGGTGCTCACCACGTCTGCGCCGCCGAGGCTGCCAGCCCT
TCTGGGCCCTTTCGGGAGAGGGAAAGGCCACCCGACCCACCTCGCAGTTTCGTCTTACAGCTTCCCTG
TGTCTGTGGCGTGCACGCGCCCCAGTAACCTGCCGTACCTGCACAGCCCATCACCACCTCCCCAG
CTGT

ACGCGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_176933.4, NP_795907.1</u>
RefSeq Size:	2427 bp
RefSeq ORF:	1197 bp
Locus ID:	319520
UniProt ID:	<u>Q8BFV3</u>
Cytogenetics:	8 A4
MW:	43.4 kDa
Gene Summary:	Regulates mitogenic signal transduction by dephosphorylating both Thr and Tyr residues on MAP kinases ERK1 and ERK2.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for MR222119