

Product datasheet for MC224497

Nrk (NM_013724) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nrk (NM_013724) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrk
Synonyms:	AA407323; AA409510; AI225895; AV168563; AW538185; Nesk
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224497 representing NM_013724 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGGACCTGGGAGTTGGAGGGACAAGGAGGTGACAGATCTTGCCAGTTGCCGGATCCAACCTGGAA
TATTCTCACTAGATAAAGCCATTGGTCTTGGTACTTATGGAAGAATCTTTTGGGAATCCATGAAAAGAC
TGTTTCATTGGTGGCTGTTAAAGTAATGAGTGCCAGGAAGACTCCTTTGCCTGAGATAGGAAGACGGGTG
AGAGTGAATAAATACAAAAGTCTGTTGGATGGAGATACAGCGATGAAGAAGAGGATCTTAGGACCGAAC
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TCCTCCTGGCCATCAGCACCAACTTTGGATGGTAAATGGAGCTATGTGCAGCAGGCTCAGTCACTGATGTA
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CAACCAGCAGCAGATGCAGACCACTCAGAGTCTGCATGGAGAGCCCCCTCAGCCAAGGTGGCTACCTGA
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GCCAGCATGAGGCCCTAGAGACAGAACAGCCTAAAGATTTGGACCAGGTGCCAGAAGAATTTACAGGGC



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AAGACAGGGCACCTGAACAGCCAAGGCAGGGCCAGGCTGCTGAGCAGCAGCAGATACATAATCCGGTTCC
 TGAGCAGCCGCCGGAGGAGGATAGGGAGCCTGAGCAAGCTGAGGTGCAGGAAGAGGCTGTGGAGCCTCCC
 CAAGCTGAGATCGAGGACAAGGAACCTGAGGTAGTGAAGTGCACGCCAGGTGCTCCTGCCTTTACTGT
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 GTGTTGGTGAGGAAGAGCCTTCTTGGAGAAGCCAGCCGAGCAGCAGCAGCAGCAGCCATGAACAT
 CCGACCGAGGAATTGCCTAAATCCTCAGAAATTTCAAGCTCAATCAGACTCATCTTCTGAGGAGGACGT
 CCTGTGACTAGGAGGAAGTCCCAGTCATCACCGCCTTATTCTACTATTGATCAGAAGCTACTGATTGATA
 TCCACGTTCCAGATGGATTTAAAGTGGGAAAATATCACCTCCTGTGTACTTGACAAATGAATGGGTAGG
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 GAAGATGGTGATTATGTTGAACTCTATGATGCTGATGCCAATGCTAATGGTGATGAAGAAGTTGCAAACG
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 TGGTTATGAAGGCCATGGTGTGCTGGCTACAATGGTGGAGACGTTGGTGGTAATCATGGTGTGCTTTTC
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 TGCAGCCTTTGGAAACCATGGAGCCAATAGGGCAATGGAAGAGGTAACAGAAAACAGGGAGGCAATGGA
 AGGAATGAAGAGAATGGAGCATTGGACGGGATCAACATGTATTTCCAGAGTTTGAACATGAGGAATCAG
 ATCGTGGAACTGAGACCTCAGATTCAATTGCCTTGGAGATCACATCCTTTGATGGTGAGCAAAACAGTGG
 TAGACCAGTATCATCAACAACAATGGGTTTTCTATTGGACGCTCATCTCCTAGAGGTTCTGATTTTGGG
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 GTTCTTTTGGGGAGTCAATTTGTTGCTGGGCACCAATCTCATCTGTATCTGATGGACCGAAGTGGAAA
 GGCAGAAATTGTTAAACTTATAAAGCGAAGACCATTCCGGCAGATTCAAGTCGTGGAGCAGCTCAATTTG
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 TGATAATGATCCAAAGAGTAAGAAAAGGCAGAAAGCGATGAGGAAGAAAGAGGAAGCTTGCAAAGCTAT
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 GTGAAGTCATCAATTCACCTCTTTCATGGGCACCAAAATCCTTTGATGAAAACACTGCCATTAAGTGT
 TTCCAACCTCGTGATCTTAAGCCACTGACAGTTGACCTGGCTGTTGGTTCAGAGAAAACACTGAAGATTTT
 CTTCAGCTCAGCTAATGGATATCATATCATCGATGCAGAACTGAAGTTATGTCTGAGGTGACCTTGCCA
 AATAATAATGTCGTCATTTTACCTGATTGCTTGGGACTTGGTGTGATGCTCTCCCTCAATGCTGAAGCTG
 CCTCCGAGGAAGCAAACGAACAACCTCTTAAGAAGATCCTGGACGTGTGGAAGGACATACCGTCTTCTGT
 GGCTTTTGGAGTGTACAAAGAGAATCACTGGATGGGACCAAAAGGCTATTGAAGTGCCTCTCTTCAGTCA
 ACTATTCTCGAGAATGAGCTGAAGCGCCGCTCAATCAAGAACTGAGATTTCTCTGTGCCGTTGGTGACA
 AGATGTTCTTTGCTTCTACTGAGCAATGACCACAGCCGGGTTACCTTATGAGCCTTGGAAAACCTTGA
 AGAGCTCCATAGAAGCTATGCTGTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_013724
 Insert Size: 4368 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_013724.2</u> , <u>NP_038752.2</u>
RefSeq Size:	6604 bp
RefSeq ORF:	4368 bp
Locus ID:	27206
UniProt ID:	<u>Q9R0G8</u>
Cytogenetics:	X 61.15 cM
Gene Summary:	May phosphorylate cofilin-1 and induce actin polymerization through this process, during the late stages of embryogenesis. Involved in the TNF-alpha-induced signaling pathway. [UniProtKB/Swiss-Prot Function]