

Product datasheet for MR206107

Dap3 (NM_022994) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dap3 (NM_022994) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Dap3
Synonyms:	4921514D13Rik; DAP-3; MRP-S29; S29mt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR206107 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGACAGGAATAACAAGGCTTTTCTCCAGGGTCCAGAAGTTGGACCCGAGGTGTTTTTGCACATGA
GTGTTCAAGCGACTCAGAACAGTCAGGTTCCAGCTGAGCGTCCCAGAAGTGTTCGCCACCACTGACAG
TGACCCGGCTAAGCATGGGGAGCAGCATGAGGGTCAGCACTACAGCATCCCCCTCCAGGATCTGAAGACA
GTGTTTCTCACGGCCTGCCTCCTCGGTACATGATGCAGGTGAAGACTTTTGGCGAAGCTTGTCTGATGG
TCAGGAAGCCAGCTCTCGAGCTTCTGGGTACCTGAAAAATACCAATTTTGTCTATCCAGCTGTGCGATA
TCTTCTTTATGGGAGAAGGGGACAGGAAAGACCCCTCAGTCTCTGCCATGCTGTTCAATTTTGTGCAAGA
CATGACTGGCTGATTCTGCATATCCCAGATGCTCATCTTTGGGTAAAAAAGTCCGGGAGCTTCTACAGT
CCACTCACAACAAACAGCGCTTTGATCAACCCCTAGAGGCCTCTACCTGGCTGAAGAATTTCAAACACTAC
CAATGAGCGCTTCTGAGTCAGATAAAAGTTCAAGAGAAGTATGTTTGAATAAGAGAGAAAGCACTGAG
AAAGGCAGTCCTCTGGGAGAAGTTGTTGAACAGGGCCTAACCCGAGTGAGGAATGCCACTGACGCTGTTG
GGGTCGTGCTGAAGGAGCTGAAGGCTCAGAGCGCCCTAGGGCTCTTTCACCTCCTGGTGGCTGTGGATGG
AGTCAATGCCCTCTGGGGAAGGACCACACTGAAAAAGAAGATAGAACCTTGATTGCCCCAGAGGAACCTC
TCCCTTGTCCACAATCTAAGGAAAATGGTAAAAATGACTGGCATGGAGGTGCAATCGTGTGAGCTTGA
GCCAAACCGGTCTCTTTAAGTCCAGAACAGCCTATTTGCCGATGAGCTGCTGGGAAAGGAAGGATT
TAATGCCCTGGAGCCTTTTCTTCCATCCTCATTCCCAACTATAATCCAAGGAGTTTGAAGTTCTCTC
CAGTACTACTTAGAGAACAAGCTGCTTCAACATGAGAAAGCTTCAACAGAAGAAGGGAGGAAGGAGCTGA
GGTTCCTGAGTAAGTCAACCCCTGAGCAGCTGGAGCGGCTCTGTGCCTCGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >MR206107 protein sequence
 Red=Cloning site Green=Tags(s)

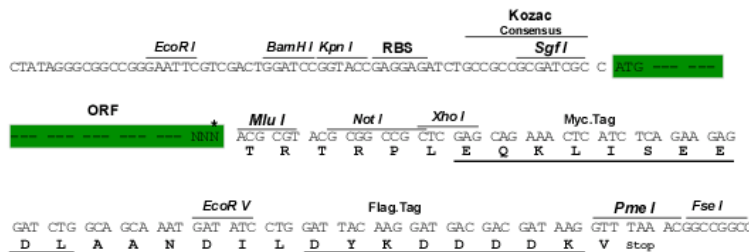
MLTGITRLFSRVQKLDPRCFLHMSVQATQNSQVPAERPRTVSRTSDSDPAKHGEQHEGQHYIPLQDLKT
 VFPHGLPPRYMMQVKTFGEACL MVRKPALELLGYLKNTNFAHPAVRYLLYGEKGTGKTL SLCHAVHFCAR
 HDWLILHIPDAHLWVKNCRELLQSTHNKQRFDQPLEASTWLKNFKTTNERFLSQIKVQEKYVWNKRESTE
 KGSPLGEVVEQGLTRVRNATDAVGVVLLKELKAQSALGLFHLLVAVDGYNALWGRITLTKKEDRTLIAPEEL
 SLVHNL RKMVKNDWHGGAIVLSLSQTGSLFKSRTAYL PHELLGKEGFNALEPFLPILIPNYNPKFEFESS
 QYYLENWLQHEKASTE EGRKELRFLSNCNPEQLERLCASL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_022994

ORF Size: 1176 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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:

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_022994.3](#)

RefSeq Size: 4628 bp

RefSeq ORF: 1191 bp

Locus ID: 65111

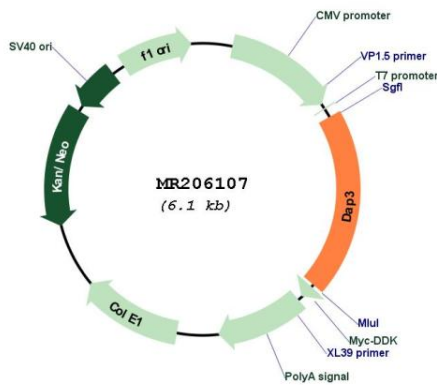
UniProt ID: [Q9ER88](#)

Cytogenetics: 3 39.01 cM

MW: 44.7 kDa

Gene Summary: Involved in mediating interferon-gamma-induced cell death.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR206107