

Product datasheet for **MG222289**

Dap3 (NM_001164533) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Dap3 (NM_001164533) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dap3
Synonyms:	4921514D13Rik; DAP-3; MRP-S29; S29mt
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG222289 representing NM_001164533 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGAGCAAAGACCATGCTGACAGGAATAACAAGGCTTTTCTCCAGGTCAGAAAGTTGGACCCGAGGT
GTTTTTGCACATGAGTGTCAAGCGACTCAGAACAGTCAGGTTCCAGCTGAGCGTCCCAGAAGTGTTC
CCGCACCAGTGACAGTGACCCGGCTAAGCATGGGAGCAGCATGAGGGTCAGCACTACAGCATCCCCCTC
CAGGATCTGAAGACAGTGTTCCTCACGGCCTGCCTCCTCGGTACATGATGCAGGTGAAGACTTTTGCCG
AAGCTTGTCTGATGGTCAGGAAGCCAGCTCTCGAGCTTCTGGGCTACCTGAAAAATACCAATTTTGCTCA
TCCAGCTGTGCGATATCTTTATGGGAGAAGGGGACAGGAAAGACCCCTCAGTCTCTGCCATGCTGTT
CATTTTTGTGCAAGACATGACTGGCTGATTCTGCATATCCAGATGCTCATCTTTGGGTAAAAACTGCC
GGGAGCTTCTACAGTCCACTCACAACAAACAGCGCTTTGATCAACCCCTTAGAGGCCTCTACCTGGCTGAA
GAATTTCAAACACTACCAATGAGCGCTTCTGAGTCAGATAAAAGTTCAAGAGAAGTATGTTTGAATAAG
AGAGAAAGCACTGAGAAAGGCAGTCCTCTGGGAGAAGTTGTTGAACAGGGCCTAACCCGAGTGAGGAATG
CCACTGACGCTGTTGGGGTCGTGCTGAAGGAGCTGAAGGCTCAGAGCGCCCTAGGGCTCTTTCACCTCCT
GGTGGCTGTGGATGGAGTCAATGCCCTCTGGGAAAGACCACACTGAAAAAGAAGATAGAACCTTGATT
GCCCCAGAGGAAGTCTCCCTTGTCCACAATCTAAGGAAAATGGTAAAAATGACTGGGAAGGATTTAATG
CCCTGGAGCCTTTTCTTCCATCCTCATTCCCACTATAATCCAAGGAGTTTGAAGTTCTTCCAGTA
CTACTTAGAGAACAAGTGGCTTCAACATGAGAAAGCTTCAACAGAAGAAGGGAGGAAGGAGCTGAGGTTCT
CTGAGTAAGTCAACCTGAGCAGCTGGAGCGGCTCTGTGCCTCGCTG

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG222289 representing NM_001164533
 Red=Cloning site Green=Tags(s)

MRAKTMLTGITRLF SRVQKLDPRCFLHMSVQATQNSQVPAERPRTVSRTSDSDPAKHGEQHEGQHYIPL
 QDLKTVFPHGLPPRYMMQVKTFGEACLMVRKPALELLGYLKNTNFAHPAVRYLLYGEKGTGKTL SLCHAV
 HFCARHDWLILHIPDAHLWVKNCRELLQSTHNKQRFDQPLEASTWLKNFKTTNERFLSQIKVQEKYVWNK
 RESTEKGSPLGEVVEQGLTRVRNATDAVGVVLLKELKAQSALGLFHLLVAVDGVNALWGRTTLKKEDRTLI
 APEELSLVHNLKRMVKNDWEGFNALPFLPILIPNYPNKEFESSFQYYLENNWLQHEKASTEEGRKELRF
 LSNCPNEQLERLCASL

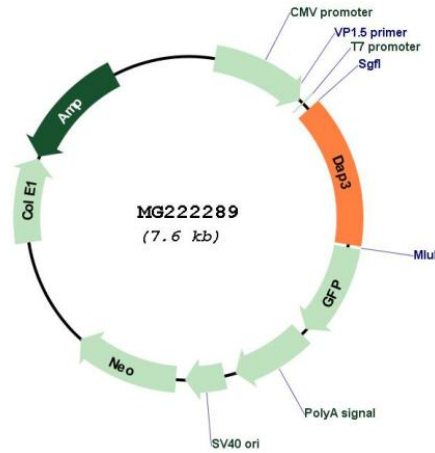
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001164533

ORF Size:	1098 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:	<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:	NM_001164533.1 , NP_001158005.1
RefSeq Size:	4538 bp
RefSeq ORF:	1101 bp
Locus ID:	65111
UniProt ID:	Q9ER88
Cytogenetics:	3 39.01 cM
Gene Summary:	Involved in mediating interferon-gamma-induced cell death.[UniProtKB/Swiss-Prot Function]