

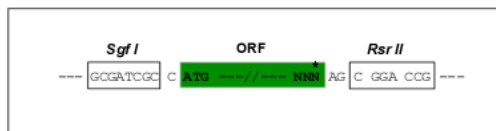
## Product datasheet for **MG222704**

### Dact3 (NM\_001081655) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Dact3 (NM_001081655) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Dact3
Synonyms:	EG666671; naa-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
Restriction Sites:	Sgfl-RsrII
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



```

                                Kozac
                                Consensus
                                Sgf I   Asc I
EcoR I   BamH I Kpn I   RBS
CTATAGGGCGGCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGATCGCCGCGCCAGATCT

Hind III   Nhe I   Rsr II   Mlu I   Not I   Xho I   GFP Tag
CAAGCTTAAGTACTAGCTAGCGGACCG   ACG CGT   ACG CGG   CCG   CTC GAG   ATG GAG   AGC GAC ---
                                     T   R   T   R   P   L   E   M   E   S   D   -   -   -

                                Pme I   Fse I
--- GAA GAA AGA GTT TAA ACGGCCGGCCCGGAGCT
- - - E E R V Stop

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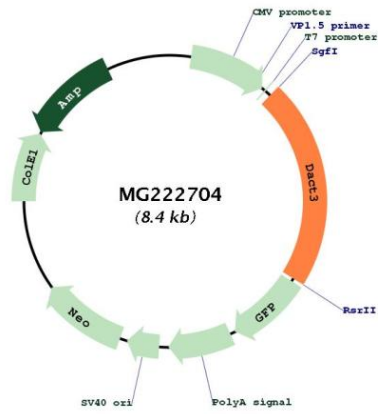
ACCN:	NM_001081655
ORF Size:	1830 bp



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<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001081655.1</a> , <a href="#">NP_001075124.1</a>
<b>RefSeq Size:</b>	2828 bp
<b>RefSeq ORF:</b>	1833 bp
<b>Locus ID:</b>	629378
<b>UniProt ID:</b>	<a href="#">Q0PHV7</a>
<b>Cytogenetics:</b>	7 A2
<b>Gene Summary:</b>	May be involved in regulation of intracellular signaling pathways during development. Specifically thought to play a role in canonical and/or non-canonical Wnt signaling pathways through interaction with DSH (Dishevelled) family proteins (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG222704