

Product datasheet for MR212893

PrI3d3 (NM_172156) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	PrI3d3 (NM_172156) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	PrI3d3
Synonyms:	Ghd6; PL-Ig; Plig
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR212893 representing NM_172156 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGCTGACTTTGACTCTTTAGGCTCCGGAATGCAATTGTTGCTGCTGGTGTCAAGCCTATTCCTTT
GGGAGAATGTGCCTCAAACCAACTGCCATGGTGCCACTGAAGACCTGTATACTCGTTTGGCTGAACT
GTCTCATAGTACATTTATCTTGGCCGAGATGTGTATAGGGAATTTGATTTGGATTTTTTCGATAAACT
TGGATAACAGACAGAACAACCTCCCTGTGTCACTGCTTCCATCCATACTCCAGAGAATCGAGAGGAAG
TCCATGAAATTAACCTGAAGACCTTCTGAAAGCAATGATCAATGTTTCAATTTCTGAAAGAACCTCT
GAAACACCTGGTGTCTGCACTGACTGCTCTCCAGGAGCTTCTGAGAGTATGGGGAAAAAGCTGCTGAC
ATTAAGGGCAGAAACCTTATAATTCTGGAGGGACTTCAGACAATATAACAGGACTCAGGCTAACATTG
AAGAAAATGAAAATTTGACTACCCTGCTTGGTCTGGACTCGAAGAAGCTGCAGTCACCTAATGAAGACAC
TCATCTTTTTGCCGTTTAAACCTATGCCGCTGCATTAAGGGGACATCCATAAGATAGACAGCTATATC
AAAGTCTTGAGGTGCCGAGTTGTCTTTCAGAACGAATGT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR212893 representing NM_172156
Red=Cloning site Green=Tags(s)

MQLTLTSLSGSMQLLLLVSFLWENVSSKPTAMVPTEDLYTRLAELSHSTFILAADVREFDLDFDKT
 WITDRTLPLCHTASIHTPENREEVHEIKTEDLLKAMINVISWKEPLKHLVSALTALPGASESMGKKAAD
 IKGRNLIILEGLQTIYNRTQANIEENENFDYPAWSGLEELQSPNEDTHLFAVYNLCRCIKRDIHKIDSYI
 KVLRCRVVFQNEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9064_c06.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_172156

ORF Size: 669 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_172156.3](#)

RefSeq Size: 774 bp

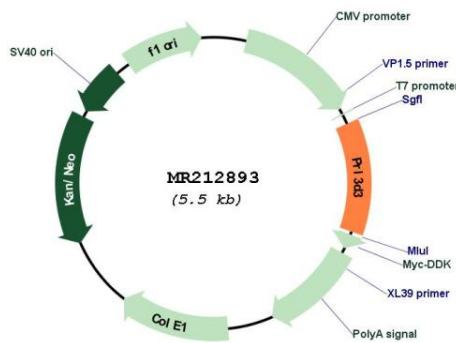
RefSeq ORF: 672 bp

Locus ID: 215029

Cytogenetics: 13 A3.1

MW: 25.5 kDa

Product images:



Circular map for MR212893