

Product datasheet for MR211792

Pom121 (NM_148932) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pom121 (NM_148932) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pom121
Synonyms:	2610027A18Rik; C80273; mKIAA0618
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211792 representing NM_148932 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence: >MR211792 representing NM_148932
 Red=Cloning site Green=Tags(s)

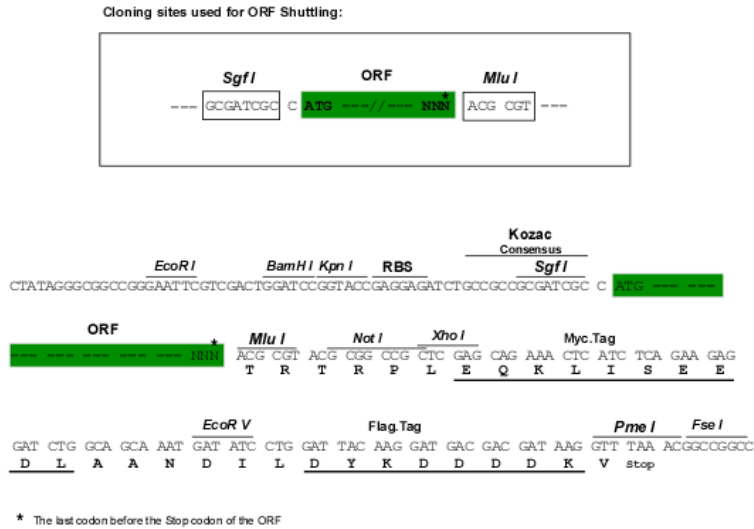
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Chromatograms: https://cdn.origene.com/chromatograms/mm9103_b04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:

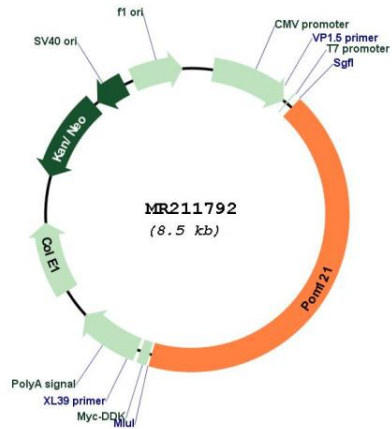


ACCN: NM_148932

ORF Size: 3600 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_148932.2 , NP_683734.2
RefSeq Size:	5602 bp
RefSeq ORF:	3603 bp
Locus ID:	107939
UniProt ID:	Q8K3Z9
Cytogenetics:	5 G2
MW:	121 kDa
Gene Summary:	Essential component of the nuclear pore complex (NPC). The repeat-containing domain may be involved in anchoring components of the pore complex to the pore membrane. When overexpressed in cells induces the formation of cytoplasmic annulate lamellae (AL) (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR211792