

Product datasheet for RC219089L4

JIP2 (MAPK8IP2) (NM_016431) Human Tagged Lenti ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JIP2 (MAPK8IP2) (NM_016431) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	JIP2
Synonyms:	IB2; JIP2; PRKM8IPL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219089).
Restriction Sites:	SgfI-RsrII
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF.

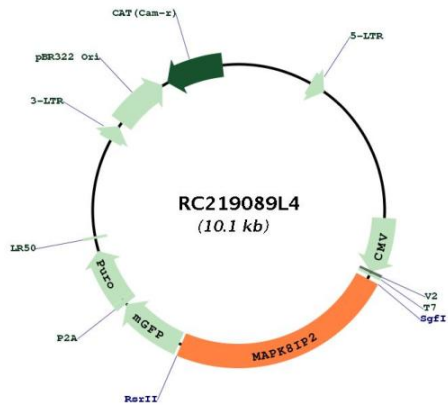
ACCN:	NM_016431
ORF Size:	2391 bp



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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_016431.2 , NP_057515.1
RefSeq Size:	3216 bp
RefSeq ORF:	2393 bp
Locus ID:	23542
Cytogenetics:	22q13.33
Protein Families:	Druggable Genome
Protein Pathways:	MAPK signaling pathway
MW:	84.5 kDa
Gene Summary:	This gene encodes a scaffold protein that is thought to be involved in the regulation of the c-Jun amino-terminal kinase signaling pathway. This protein has been shown to interact with and regulate the activity of MAPK8/JNK1 and MAP2K7/MKK7 kinases. [provided by RefSeq, Jun 2017]

Product images:



Circular map for RC219089L4