

Product datasheet for RN211291

Itpr3 (NM_013138) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itpr3 (NM_013138) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Itpr3
Synonyms:	IP3R-3; IP3R3; IP3R3X
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211291 representing NM_013138 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATGAAATGTCCAGCTTTCTTCACATCGGGGACATTGTGTCCCTGTACGCCGAGGGCTCTGTCAACG
GCTTCATCAGCACTTTGGGGCTGGTGGATGACCGTTGTGTGGAGCCTGCAGCTGGGGACCTGGACAA
CCCCCAAGAAGTTCGAGATTGCCTTCAAAGTGTGCCCCATGAACCGCTACTCCGCACAGAAGCAG
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GCCCTGCTGGAGAAGAAGCCATGCGGGTGACGCTGGACGCGACGGGCAACGAGGGCTCCTGGCTTTCA
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TACTTAAGCAGATCTTTGGCATCCTGAAGGCTCCATTCCGTGACAAGGGGGTGAAGGGCCATTGGTGCG
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 CCTGTACTTATTGTGCTGGTCCGTGTCAAGAACAAGACAGACTACACGGGCCCCGAGAGCTACGTGGT
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 TTCGTGGACGTGCAGAACTGCATGAGCCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_013138
Insert Size: 8013 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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_013138.1 , NP_037270.1
RefSeq Size:	8806 bp
RefSeq ORF:	8013 bp
Locus ID:	25679
UniProt ID:	Q63269
Cytogenetics:	20p12
Gene Summary:	receptor for Inositol 1,4,5-trisphosphate (IP3); involved in second messenger signaling [RGD, Feb 2006]