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Product datasheet for RN206402

Insrr (NM_022212) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Insrr (NM_022212) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Insrr
Synonyms:	Sirr
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206402 representing NM_022212 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCAGTGCCTGCTCTGTGGCCCTGGGGAGTATACTTGCTTATGAGCCTGCTGTCCTTGGGATCTTGCC TGGACACACTGGAGGTGTGCCCCAGTCTTGACATCCGCTCGGAGGTGACAGAGCTCCGTCGGCTGGAGAA CTGCAGTGTGGTGGAGGGTCACCTACAGATCCTCCTCATGTTTGCCGCCACGGGAGAGGACTTCCGAGGC CTCAGCTTTCCTCGCCTCACCCAGGTGACTGACTACCTGCTGCTGTTCCGAGTCTATGGCCTAGAGAGCC TTCGAGACCTCTTCCCCAACCTTGCTGTGATCCGAGGTGCGCGCCTCTTCCTGGGCTATGCACTTATAAT CTTCGAGATGCCCCACTTGAGGGACATTGGGCTGCCGTCGCTTGGGGCCGTGCTGCGTGGGGCCGTTCGT GTGGAGAAGAACCAGGAACTTTGCCATCTCTCCACCATTGACTGGGGCCTGCTGCAGCCTGCACCTGGTG CCAACCACATTGTTGGGAACAAGCTGGGTGAGGAGTGTGCTGACGTGTGCCCTGGTGTGCTGGGGGCTGC TGGTGAGCCCTGTGTGAGAACCACCTTCGGTGGGCACACCGACTACAGGTGTTGGACCTCCAGCCACTGT CAGAGAGTGTGTCCCTGCCCCCGTGGGCTGGCCTGCACAGTAGGTGGCGAGTGCTGCCACAGTGAATGTC TCGGGGGCTGCAGTCAGCCTGAAGACCCTCGAGCCTGCGTAGCTTGCCGCCACCTCTACTTCCAAGGAGT CTGCCTCCCCACCTGCCCTCCGGGCACCTACCAGTATGAGTCTTGGCGGTGTGTCACTGCGGAGCTCTGT GGCCATCTGCGAGAGGTTCCTGGACATGCCACCGCCTTTGGCATCTACGAGGGCAGCTGCCTAGCTCAGT GCCCTCCAGGCTTCACCCGTAATGGCAGCAGCATTTTCTGCCATAAGTGTGAGGGCCTGTGCCCCAAAGA GTGCAAGGTTGGGACAAAGACCATCGACTCTGTCCAAGCCACACAGGACCTAGTGGGCTGCACCCATGTG GAGGGGAGCCTCATCCTCAACCTTCGACAAGGCTACAATCTGGAGCCAGAGCTTCAACGCAACCTGGGGC TGGTGGAGACCATCACCGGCTTCCTCAAAATCAAGCACTCTTTTGCACTCGTGACCCTGGGATTTTTCAA GAACCTCAAACTAATCCGGGGAGATTCCATGGTGGATGGGAACTACACTCTGTACGTGTTAGACAACCAG AACCTGCAACAGTTGGGGTCTTGGGTGGCCGCAGGGCTCACCATTCCCGTGGGCAAAATATACTTCGCCT TCAACCCACGCCTCTGCCTGGAGCACATATACCAACTGGAAGAGGTGACCGGAACCAGAGGCCGGCAAAG CAAGGCTGAAATCAACCCCCGGACCAATGGAGATCGTGCTGCCTGCCAGACTCGCACTCTGCGCTTTGTG

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TTCAACCTGACCGAGGAGGACCGCATCCTCCTGCGCTGGGAGCGCTATGAGCCACTGGAGGCCCGTGACC
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TACAGCCCCGAGTGTCAGCGGGGCCAGGCCTCCTTGCTGCCTACTGAGGCAGAGCCTGACTCCCCACCAA
CCTTAAATGGAGCTTCAGACTATGGTCCCCCAAATGGGGACCCAGGACACTGA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_022212

Insert Size: 3903 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:	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_022212.2, NP_071548.2
RefSeq Size:	4997 bp
RefSeq ORF:	3903 bp
Locus ID:	60663
UniProt ID:	Q64716
Cytogenetics:	2q34
Gene Summary:	member of the insulin receptor family [RGD, Feb 2006]