

Product datasheet for RN201217

Imp4 (NM_001009700) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Imp4 (NM_001009700) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Imp4
Synonyms:	LRRGT00017; RGD1308463
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201217 representing NM_001009700 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTTCGTGGGAGGCTCGCCTACGCCGCGAGTACTTGTACCGTAAGGCCCGGGAGGAGGCGCAGCGAT
CCGTTCAGGAGAAGAAGGAGCGAGTCAAGCGTGTCTAGAAGAAAACAGCTGATTCACCGAGTTACG
CCGGGAGGCTCTCGCATTACAGGGGTCTTGGAGTTTGATGATGCTGGTGGTGAAGGTGAACCGCCAT
GTGGATGACGAGTACCGATGGGCTGGGTTGAGGACCCTAAGGTCATGATCACTACCTCCCGAGACCCCA
GTTCTCGCCTGAAAATGTTTGCAAAGGAAGTGAAGCTGGTGTCCAGGTGCCAGCGCATGAACCGAGG
TCGGCATGAGGTTGGAGCGCTGGTTCGAGCTTGCAAAGCGAATGGGGTCACCGACCTGTTGGTTGTCCAT
GAGCACCGAGGCACACCTGTGGGACTCATTGTACGCCATCTGCCCTTCGGTCCTACTGCCTACTTCACAC
TGTGTAACGTGGTCATGCGGCACGACATCCCTGACCTGGGCACCATGTCAGAGGCTAAGCCCCACCTCAT
CACTCATGGCTTTTCTCTCGACTGGGCAAGCGGGTGTCTGACATCCTTCGCTACCTATTCCTGTGCCA
AAAGACGACAGCCATCGGGTTATCACCTTTGCCAACCAGGATGACTACATCTATTCCGGCACCATTGTCT
ACAAGAAGACAGACCATCGAAATGTGGAGCTGACTGAGGTCGGGCTCGATTTGAGCTCAAGTTGTACAT
GATTCGCCTGGGCACACTGGAGCAGGAGGCTACCGCAGATGTAGAGTGGCGCTGGCATCCGTATACCAAC
ACAGCCCGCAAGAGGGTATTTCTGAGTGCTGAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_001009700
Insert Size:	876 bp


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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:	<u>NM_001009700.1, NP_001009700.1</u>
RefSeq Size:	1795 bp
RefSeq ORF:	876 bp
Locus ID:	316317
UniProt ID:	<u>Q5PQR5</u>
Cytogenetics:	9q21
Gene Summary:	Component of the 60-80S U3 small nucleolar ribonucleoprotein (U3 snoRNP). Required for the early cleavages during pre-18S ribosomal RNA processing (By similarity).[UniProtKB/Swiss-Prot Function]