

Product datasheet for MC210390

Imp11 (NM_028260) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Imp11 (NM_028260) Mouse Untagged Clone
Tag: Tag Free
Symbol: Imp11
Synonyms: 1500034J20Rik; 2610528O17Rik; AU042386
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC210390 representing NM_028260
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTTCGTGGTGTCTGGGAAAGGCTTTTCGACTTGCTGGCTATACCATTCAGTATGGCTGCATAGCTC
 ATTGTGCTTTTGAATACGTTGGTGGTGTGTAATGTGTTCTGGACCATCAATGGAACCCACAATTCAAAA
 TTCAGATATTGTCTTTGCAGAAAATCTTAGCCGACATTTTATGGCATCCAAAGAGGTGACATTGTAATT
 GCAAAAAGCCCAAGTGATCCAAAATCAAATATCTGTAAGAGTAATTGGTTTGAAGGAGACAAAATCC
 TCAGCACTAGTCCATCTGATGTATTTAAGAGCCGAGTACGTGCCAACAGGTCATGTTGGTTAGAAGG
 TGATAACTTACAGAATTCTACCGATTCCAGGTATTATGGACCTATACCATATGGACTAATAAGAGGACGT
 ATCTTCTTTAAGATTTGGCCTTTCAGTGACTTCGGATTTCTGCGTGACAGCCCAAATGGCCAGAGATTTT
 CTGATGAT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_028260
Insert Size: 501 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).



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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_028260.2 , NP_082536.1
RefSeq Size:	955 bp
RefSeq ORF:	501 bp
Locus ID:	66541
UniProt ID:	Q9CQU8
Cytogenetics:	2 E3
Gene Summary:	Catalyzes the removal of transit peptides required for the targeting of proteins from the mitochondrial matrix, across the inner membrane, into the inter-membrane space. Known to process the nuclear encoded protein DIABLO (By similarity).[UniProtKB/Swiss-Prot Function]