

Product datasheet for RN213643

Ido1 (NM_023973) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ido1 (NM_023973) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ido1
Synonyms:	Ido; Indo
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN213643 representing NM_023973 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCTCACAGTCAAATATCTCCTGCAGAAGGCTCTAGAAGGATCCTTGAAGAATACCACATAGATGAAG
ATGTGGGCTTTGCTCTACCACATCCACTGGAGGAGCTGCCTGATACGTACAGACCTTGGATCCTTGTGGC
TAGAAATCTGCCTAAGCTGATTGAGAATGGGAAGCTCCGAGAAGAAGTCGAGAAGCTGCCACACTGCGC
ACCGAAGAAGTGAAGGACACAGGTTACAGCGCCTGGCACATTTGGCCCTGGGGTACATCACCATGGCGT
ATGTGTGGAACCGAGGGGATGATGATATTCGAAAGGTGCTGCCCGCAATCTTGGCGTTCCTACTGCGA
GCTCTCGGAGAAGCTGGGGTGCCTCCATTCTGTCTTACGCAGACTGCGTCTGGCAAAGTGAAGAAA
AAGGACCCCAATGGGCCATGACATACGAGAACATGGACATTCTGTTCTCGTTTCTGGTGGGGACTGCG
ATAAAGGCTTCTTCTGGTCTCTCTAATGGTGGAAATCGCAGCTTCTCCTGCAATCAAAGCAATTCCTAC
TGTATCCAGTGCAGTAGAGCATCAAGACCCGAAAGCACTGGAGAAGGCACTGTGTAGTATAGCTGCCAGT
CTGGAGAAAGCCAAGGAAATTTTAAGAGGATGCGTGACTTCGTGGATCCAGACACCTTTTCCACGTTC
TTCGCATATATTTGTCTGGTTGGAAGGGCAACCCTAAGCTGCCGAGGGTCTGCTGTACGAGGGCGTCTG
GGACACCCCAAAAAATTTTCAGGGGCGAGTGCAGGCCAGAGCAGCATCTTTCAGAGTCTTGATGCTCCTT
CTGGGAATAAAGCATGACGTTGGTGAAGGATCTGCTGCAGAATTCCTCCAGGAAATGAGAGAGTACATGC
CTCCAGCCACCCGAACTTCTCTCCTCCTTAGAGTCAGCTCCCCAGTCCCGTGAAGTTTGTCAATTTAAG
ACGCAATGAAGACTTGAAGGAGGCTTAAATGAGTGTGTAATGGCTGGTCTCCCTCAGAATGTTCCAC
CTCTCGATAGTAGATACTTACATTGTGAAGCCTTCAAGCAGAAGCCATGGGTGGCCACAAGTCAGAAG
AGCCCTCAAACACGAAAAACAGAGGGACTGGGGTACTGACGTCATGAATTTCTGAGGAGTGTAAAGA
TACAACCAAGAAAGCCCTTCTGAGTTGGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_023973
Insert Size:	1224 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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:	<u>NM_023973.1</u> , <u>NP_076463.1</u>
RefSeq Size:	1224 bp
RefSeq ORF:	1224 bp
Locus ID:	66029
UniProt ID:	<u>Q9ERD9</u>
Cytogenetics:	16q12.5
Gene Summary:	enzyme which catalyzes degradation of L-tryptophan to N-formylkynurenine; human homolog is induced by gamma-interferon and is believed to be involved in that agent's tumor antiproliferative effects [RGD, Feb 2006]