

Product datasheet for **MR209636**

Idua (NM_008325) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Idua (NM_008325) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Idua
Synonyms:	6030426D08
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR209636 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCGACCCCGCGTCCCTCCTCAGCTATGCTGACGTTTTTTGCTGCGTTCTTGCCGCGCCCTTGCGC
TGGCTGAGTACCGTACCTGGTGCCTGGACGACGCCCGCTGAGGCCTCTGTTGCCCTTCTGGAG
GAGCACCGGCTTCTGCCCCCACTGCCTCACGACCAGGCTGACCAGTACGACCTTAGTTGGGACCAGCAA
CTGAACCTTGCTACATAGGTGCCGTACCTCACAGTGGCATTGAGCAGGTCGGATACACTGGTGCTGG
ATCTCATCACAGCCAGGAAGTCACTGGGCAGGGACTTATGTACAACCTCACCCACTTGGATGCATTCTT
GGACCTTCTCATGGAGAACCAGCTTCTCCCTGGATTTGAGCTCATGGGCAGTCTTCTGGGTACTTCAG
GACTTTGATGACAAGCAGCAGGTGTTTGAATGGAAGGACCTGGTTTCTCTTGGCCAGGAGATACATTG
GTAGGTATGGGCTGACACAGCTTCCAAGTGAACCTTTGAGACTTGAATGAACCAGACCACCATGACTT
TGACAACGTGTCCATGACCACACAAGGCTTCTGAATTACTATGATGCCTGCTCTGAGGGGCTGCGCATT
GCCAGCCCACTTTGAAGTTGGGTGGTCCCTGGGATTCCCTCCACCCCTGCCAAGGTCACCAATGTGCT
GGAGCCTCCTGGGTCACTGTGCCAATGGAACCACTTCTTCACTGGCGAGGTGGGCGTGCCTCTGGATTA
CATCTCCCTGCACAAGAAGGGTGCAGGTAGCTCCATCGCCATCCTGGAGCAGGAGATGGCAGTTGTGGAG
CAGGTCCAGCAGCTTCCCTGAGTTCAAGGATACCCCAATTTACAATGACGAGGCGAGCCCTCTGGTGG
GCTGGTCCCTGCCACAACCTTGGAGAGCTGATGTGACTTATGCGGCCCTGGTGGTGAAGGTCATTGCACA
GCACCAGAACCTGCTGTTGCCAACAGCAGTTCCTCCATGCGCTATGTGCTCCTCAGCAATGACAATGCC
TTCTGAGCTACCACCCGTACCTTTCTCCAGCGCACACTTACTGCTCGATTCCAGGTCAACAATACTC
ACCCACCCCATGTGCAGTTGCTGCGAAAGCCAGTACTCACAGTCATGGGGCTCATGGCCCTGTTGGATGG
AGAACAACCTCTGGGCAGAGGCTCTCAAAGGCTGGGGCTGTGTTGGACAGCAATCATACAGTGGGTGTCCTG
GCCAGCACCCATCACCTGAAGGCTCCGACGCGCCTGGAGTACCACAGTCTCATCTACTAGTGATG
ACACCCACGCACACCCCAACCACAGTATCCCTGTGACTCTTCCCTGCGTGGGGTACCTCCTGGCTTGG
TCTTGTCTACATAGTACTCTACTTAGACAATCAACTCAGCAGCCCTACAGTGCCTGGCAGCACATGGGC
CAGCCAGTCTTCCCTCTGCAGAGCAGTCCGACATATGCGCATGGTGGAGGACCCCGTGGCTGAGGCAC
CACGCCCTTTCTGCTAGGGGCCGCTGACCCTACACCGGAAGCTTCCGGTGCCATCACTCCTGCTGGT
GCATGTATGCGCACGCCCTTGAAGCCACCTGGGCAGGTCAGCCGGCTCCGTGCACTGCCCTGACACAT
GGACAGCTGATTTGGTCTGGTCTAGATGAGCGTGTGGGCTCCAAGTGCCTGTGGACATATGAGATCCAGT
TTTCCCAGAAAGGTGAAGAGTATGCCCAATCAACAGGAGGCCGCTACTTTTAAGCTCTTTGTGTTTCAG
CCCAGACACAGCTGTGGTCTCTGGCTCCTACCGAGTTCGAGCATTGGATTACTGGGCCCGGCCAGGCCCC
TTCTCCGACCCTGTGACTTACCTGGATGTCCCTGCCTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209636 protein sequence
 Red=Cloning site Green=Tags(s)

MRPPRPSSAMLTFFAAFLAAPLALAESPYLVRVDAARPLRPLLPFWRSTGFCPPLPHDQADQYDLSWDQQ
 LNLAYIGAVPHSGIEQVRIHWLLDLITARKSPGQGLMYNFTHLDAFLDLLMENQLLPGFELMGSPSGYFT
 DFDDKQQVFEWKDLVSLRLARRYIGRYGLTHVSKWNFETWNEPDHHDVFNVSMTTQGFNLNYDACSEGLRI
 ASPTLKLGGPGDSFHPLPRSPMCWSLLGHCANGTNFFTGEVGVRLDYISLHKKGAGSSIAILEQEMAVVE
 QVQQLFPEFKDTPINDEADPLVGWSLPQWRADVTYAALVVKVIAQHQNLLFANSSSSMRVLLSNDNA
 FLSYHPYPFSQRTLTARFQVNNTHPPHVQLLRKPVLTVMGLMALLDGEQLWAEVSKAGAVLDSNHTVGVV
 ASTHHPEGSAAAWSTTVLIYTSDDTHAHPNHSIPVTLRLRGVPPGLDLVYIVLYLDNQLSSPYSAWQHM
 QPVFPSAEQFRHRMVEDPVAEAPRPFARGRLTLHRKLPVPSLLLHVHVCARPLKPPGQVSRRLALPLTH
 GQLILVWSDERVGSKCLWTYEIQFSQKGEEYAPINRRPSTFNLFVFSPTAVVSGSYRVRALDYWARPGP
 FSDPVTYLDVPAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_008325

ORF Size: 1932 bp

OTI Disclaimer: 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.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_008325.3](#), [NM_008325.4](#)

RefSeq Size: 4430 bp

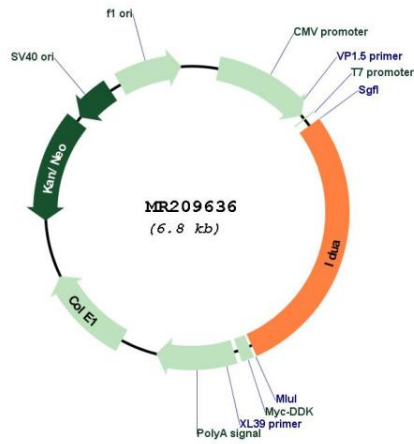
RefSeq ORF: 1932 bp

Locus ID: 15932

Cytogenetics: 5 53.24 cM

MW: 72.2 kDa

Product images:



Circular map for MR209636