

Product datasheet for **MC204461**

Higd2a (NM_025933) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Higd2a (NM_025933) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Higd2a
Synonyms:	2010110M21Rik; AA690237
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC021471 CCACGCGTCCGCCTATTTCTGTGCTGGTGGGTATGGCGGCTCCCGTCTGTGAGTCCAGAGGCGCCTTT TGATCCGTCCTCAAGCCCCAGTTATCGAGGGCTTCAGCCCCACGGTCTACTCCAACCCAGAGGGCTTTAAG GAAAAGTTTATTCGCAAGACCCGTGAGAACCCAATGGTGCCTATAGGCTGTCTGGGGACGCGGGCTGCC TCACCTATGGCCTTTACTGCTTCCACCGCGGCCAGAGCCACCGATCCCAACTCATGATGCGCACCCGGAT CGCTGCACAGGGTTTACGGTCGTAGCCATCTTGTGGGGTTAGCGGCATCTGCTATGAAGTCTCAAGCC TGAGTATAGCCGGGTCTTAAAGCGCCATGGAAACCATTACAAAACCCAGGAACAACAGACATCCCTGTCA GACTTGTCCCTCCGTTTCAGACCGGACCTTATTGTCATTTGGGTGAGGAAGTGGCCGATTTTGTAACTG ATTTGCGCTTCCACCGCTGCCCTCCCGCTCCCAAAATCCCAGGTTCAATTCAGTTGGGTTGCATGCTT CTATTTGTGATGCGTCCCCTTAATTAATAAAAAGCTTATTACACTTGTAACAAAAAAAAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_025933
Insert Size:	321 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).



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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: [BC021471](#), [AAH21471](#)

RefSeq Size: 628 bp

RefSeq ORF: 321 bp

Locus ID: 67044

UniProt ID: [Q9CQJ1](#)

Cytogenetics: 13 B1

Gene Summary: Proposed subunit of cytochrome c oxidase (COX, complex IV), which is the terminal component of the mitochondrial respiratory chain that catalyzes the reduction of oxygen to water. May be involved in cytochrome c oxidase activity. May play a role in the assembly of respiratory supercomplexes (By similarity).[UniProtKB/Swiss-Prot Function]