

Product datasheet for RC232123

ABHD10 (NM_001272069) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ABHD10 (NM_001272069) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ABHD10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC232123 representing NM_001272069
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGGATCGCC

ATGGCGGTTGCGCGCTTGGCAGCTGTGGCGCCTGGGTACCTTGTGGAGCTGGGGCTGGGCAGCCGTCC
CCTTCGGTCCCACCGTGGCCTCAGCGTGTCTTGCACGGATACCTCAGCGGGCCACGGTGGCTCCC
AGCTTGTAGACAAAAGCGTCACCTCTATTCTTAATCGACGACCTTCAAACCTGGCTATAAGAAG
CTAAAAGGCAAAAAGTCCAGGAATTATCTTCATCCCTGGCTATCTTTCTTATATGAATGGTACAAAAGCGT
TGGCGATTGAGGAGTTTTGCAAATCTCTAGGTCACGCCTGCATAAGGTTTGATTACTCAGGAGTTGGAAG
TTCAGATGGTAACTCAGAGGAAAGCACACTGGGAAATGGAGAAAAGATGTTCTTTCTATAATTGATGAC
TTAGCTGATGGCCACAGATTCTTGTGGATCTAGCCTTGGAGGGTGGCTTATGCTTCATGCTGCAATTG
CACGACCAGAGAAGGTCGTGGCTCTTATTGGTGTAGCTACAGCTGCAGATACCTTAGTGACAAAAGTTTAA
TCAGTTCCTGTTGAGGACTCTGGAAGGAAAACTATATTTCTTTACATTACGCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC232123 representing NM_001272069
Red=Cloning site Green=Tags(s)

MAVARLAAVAAWVPCRSWGWAAVPFGPHRGLSVLLARIPQRAPRWLPACRQKTSLSFLNRPDLPLNLAYKK
LKKGSPGIIFIPGYLSYMNGTKALAIIEEFCKSLGHACIRFDYSGVSSDGNSEESTLGKWRKDVLSIIDD
LADGPQILVGSSLLGGWMLHAAIARPEKVVALIGVATAADTLVTKFNQLPVEDSGRKNYISLHSA

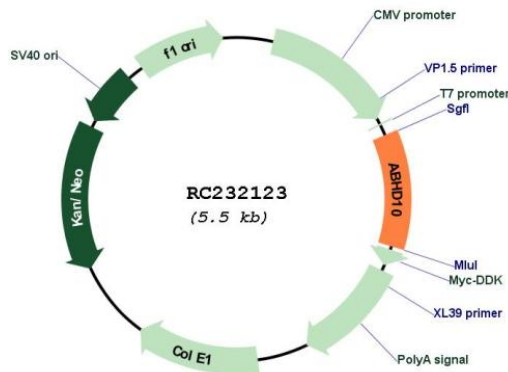
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001272069

ORF Size: 615 bp

OTI Disclaimer: 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:	<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_001272069.2</u>
RefSeq Size:	2823 bp
RefSeq ORF:	618 bp
Locus ID:	55347
UniProt ID:	<u>Q9NUJ1</u>
Cytogenetics:	3q13.2
MW:	22.6 kDa
Gene Summary:	This gene encodes a mitochondrially-localized enzyme that acts in liver cells as a hydrolase. The encoded protein removes glucuronide from mycophenolic acid acyl-glucuronide. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]