

Product datasheet for **MC206437**

Hibch (BC026437) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hibch (BC026437) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hibch
Synonyms:	MGC31364
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC026437
 GTCTAACTACCAGAGCCGGTGGAACTACTCTGCTTCTTCTGCTCTTGGGTTTTAGGCCATGGGG
 CAGCCATATGCGTGGCGCTCCTGTGAGGGTCAGCTCCTTCAGAAGAGCCAGCGTTATTCTGCAACATC
 TGAGAATGTCATGCACACAGAAGCTGCAGAAGTCTGCTGGAGAGGAGAGGCTGTGGAGCGCTATAAC
 GCTCAACAGACCAAGTTCCTCAACGCACTGAGTCTGAATATGATCCGGCAGATCTATCCACAGCTAAAG
 ACATGGGAACAAGACCCTGACACATTCCTGATCATATAAAGGGAGCCGGAGGAAAGGCCTTCTGTGCTG
 GAGGGGACATCAAAGCACTCTCAGAAGCTAAAAAGCAAGACAGAATTTAACTCAAGATTTATTCAGAGA
 AGAATACATCTTGAACAATGCAATTGCATCTTGTGAGAAACCATATGTTGCCCTTATTGATGGAATCACA
 ATGGGTGGGGGAGTTGGTCTTTCAGTCCATGGTCAATCCGAGTGGCTACAGAAAGGTCTCTTTTGCTA
 TGCCAGAAACGGGAATAGGACTATTCCTGATGTGGGTGGAGGTTATTTCTTGCCAAGACTTCAAGGAAA
 ACTCGGTTACTTCTTGCCTGACAGGATACAGACTAAAGGGAAGAGATGTGCACAGAGCGGGAATTGCC
 ACACACTTTGTAGATTCGGAAAAGTTGCGTGTGTTGGAGGAGGAGCTGTTAGCCTTAAAGTCACCTTCAG
 CTGAGGATGTTGCAAGGTGCTTAGAAAAGCTATCATGCCAAGTCCAAGATGGATCAAGACAAATCTATCAT
 ATTTGAGGAACACATGGACAAAATAAACAGTTGTTTTTCAGCCAAACCGTGGAAACAGATAATTGAAAAAC
 TTACGGCAAGATGGGTACCTTTTGCCATAGAACAGATGAAGGTAATTAATAAAATGTCTCCGACATCAC
 TAAAGATCACACTAAGGCAACTCATGGAGGGCTCTTCAAAGACTTTGCAAGAGGTAAGTATGATGGAATA
 TCGGATAACTCAAGCATGTATGGAAGGGCATGACTTTTATGAAGGTGTTAGAGCTGTTCTCATTGACAAA
 GACCAGACTCCAAAATGGAACCCAGCCAATCTAAAAGATGTTACGGATGAAGACTTGAATAGTTACTTTA
 AATCTCTGGGAAGCAGTGATTTGAAATTTCAAAGTTTATTTGGAGCAAAGGTCAACACATCATAGCACA
 GAGGCTAGGCCCATTTTTCATGCAGCCTACAAGCTGGAATGGTTTTCTCATTTTTAAATGATTGGGAAGG
 AAATGAAAAGACTAATTTTTCATGATACAGTGGTTGCCAAAAGTTAAGCACCAATGTTTGTAACTTTTC
 ATGATATGACAGCTGAGATCCATACACCAATGTTTTATGGAACCTTCTGACGCTAGCAGAGCTTCTCT
 ATGGCTGCTTGGAGTGGCCATGGCACAGACTTTGACCCACAGCACCTCAAGGGTCTAAGTTTCTACTCCA
 GTCTTCATCAGAAATGGTTTGTGGTTCCTGGTTATAAGAAATCTCAAGAGCTCCAGAGAATCTCAAG
 TTTATTTCTCATTAAAATGGTAACTTTGACTTTGTTTATATACTAATTAACCAAATATGTACAAGTTAG
 CAAAAATAAAGACCTGAAATTTGAAAAAAAAAAAAAAAAA



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Restriction Sites:	RsrII-NotI
ACCN:	BC026437
Insert Size:	1158 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).
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:	BC026437 , AAH26437
RefSeq Size:	1720 bp
RefSeq ORF:	1158 bp
Locus ID:	227095
Cytogenetics:	1 C1.1
Gene Summary:	Hydrolyzes 3-hydroxyisobutyryl-CoA (HIBYL-CoA), a saline catabolite. Has high activity toward isobutyryl-CoA. Could be an isobutyryl-CoA dehydrogenase that functions in valine catabolism. Also hydrolyzes 3-hydroxypropanoyl-CoA (By similarity).[UniProtKB/Swiss-Prot Function]