

Product datasheet for MC201872

Galk1 (NM_016905) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Galk1 (NM_016905) Mouse Untagged Clone
Tag: Tag Free
Symbol: Galk1
Synonyms: AA409894; GALK; Gk; Glk; Glk1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC050151 sequence for NM_016905
 CAGACGAGCGTCATGGCTGCTTGGAGACCGCCCGGGTTCGAGGAGCTGCTGGCCGAGGCCCGCCGGGCCCT
 TCATGGAGGAGTTTGGAGCCGAGCCGAGCTGGCAGTGTCCGCGCCGGCCGCGTCAACCTCATCGGGGA
 GCACACGACTACAACCGAGGCCCTGGTGTGCCATGGCACTGGAGCTCGTGACCGTGATGGTTGGCAGC
 CCCCAGCAGATGGGCTTGTCTCTTCTCACCCTTCCAAAGATGCAGACGAGCCCAAAGACTGCAGT
 TCCCACTGCCCTCAGCCAGTGGTCTTGGAGCCTGGAATCCCACAGTGGGCCAATTATGTCAAGGGAGT
 GATTCAACATTACCCAGCTTCCCGCTCATTGGCTTCAGTGCAGTGGTGGTGCAGTGCAGTCCCTGGGG
 GGTGGGCTTCCAGCTCAGCGTCTCTGGAAGTGGCCACGTACACCTTCATCCAGCAGCTCTGCCAGACT
 CGGGGGCAATAGCTGCCCGGGCCAGGTGTGTCAACGGGTGAGCACAGCTTCGAGGGGTGCCCTGTGG
 CATCATGGACCAACTCATCGCGTGTGGGGCAGAAAGGCTATGCACTACTCATTGACTGCAGGTCCCTG
 GAAACAAGCCTGGTGCCACTGTGAGACCCCAAGCTGGCCGTGCTCATCACCCTCAATGTCCGCCATT
 CCCTGGGCTCCAGCGAGTACCCGTTTCGTCCGCGACAGTGTGAAGAAGTGGCCAGGCCCTGGGCAAGGA
 GAGCCTTCGAGAGGTGCGGATGGAGGAGCTTGGGCGGGCAGGGAGCTAATGAGCAAGGAGGGCTTCCGG
 CGGGCCCGGATGTGGTAAGCGAGATCCGGAGAACAGCCAGGCAGCAGCTGCTATGAGCCGAGGAGACT
 ACAAGGCCCTTGGGCGTCTCATGGTGGAGATCACTACTCACTCAGGGATGACTATGAGGTGAGTGGCC
 TGAGCTGGATCAATTGGTTGAGGCCGCGCTCTCTGTGCCCTGGGGTTTATGGCAGTCGCATGACAGGTGGT
 GGCTTTGGTGGCTGCACCGTCACATTGCTGGAGGCCTCTGTTGCCCTCTGTATAGATCATATACAGG
 AGCAGTACAGTGGGACAGCCACCTTCTACCTCTCTCAAGCTGCCGATGGAGCCCAGGTGCTGAGCTTGTG
 AGGTGTCCCTGAGACCGATGGACGCACAGGCATGAGCGGAGGCAGCAGGTGTGTGCCGAGCTCTGCCT
 CGGGCATCCTCCTCTCTATCTGGGTGCTTAATAAACGTGTGCCTTAAATGGCGGTAGCCACCTGCCTC
 CAGAGGTGGGTAACATGCTCTGGGGCAAGAATGGGGATTATGGGAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_016905
Insert Size: 1179 bp



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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:	<u>BC050151</u> , <u>AAH50151</u>
RefSeq Size:	1391 bp
RefSeq ORF:	1179 bp
Locus ID:	14635
UniProt ID:	<u>Q9R0N0</u>
Cytogenetics:	11 80.91 cM
Gene Summary:	Major enzyme for galactose metabolism.[UniProtKB/Swiss-Prot Function]