

Product datasheet for **MC218003**

6430537H07Rik (BC023285) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	6430537H07Rik
Synonyms:	MGC30738
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC023285

Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCATAGGCGCTGTGTCCCTGGCAGTGGCCAAAGCCAGCGCAACCTTGGCCAGCGATCCTCTACT
TAACCTGGCGTCACTGAAGCATGATCAGGAGCAGCCGTCAACATTCTCTATGCCTTTGCTGATGGGATC
TGTACTGAGCTGTGGGAAGTCGTACCTGGGAAGCTACATTTAATGAAAGAAGTATTTGTATCCAGT
CCTGGATTAAACAGCCAAACAAAGTGTGAGTTGCTTCTGGAAATTCAGAAACAAGTTAACAGAGCGATGG
AGACGCTTCCACCTCCAAAACAAGAGACCAAAAAAGGCATAATGGGAGCAAAAGAGCTCAGCCACCGAT
CACTGGCAAGGTATCTCACCTTGGCTGTTTAACCATCAACTACGACGCCATAGAGCAGCCACTGCTGCTG
CTTCAGGGGATCTGCTCAAACTGGGGTTGGAAGTGGGAGTGAACCTCCATCTAGCCATCAACTGTGCTG
GGCATGAGCTGATGGACTACAGTAAAGGGAAGTACGAAGTATGTTGGGACCCACAAAAGCGCAGCTGA
GATGGTGGAGCTCTACGTGGACCTGATCAACAAGTATCCTTCCATAATCGCCTTAATTGATCCTTTCAGG
AAGGAGGACGCCGAGCAGTGGGACAGCCTCTATGCTGCTCTGGCTTCCCGGTGTACCTAATTGCAGGCG
CCGCTTCCGGGAGTGTCTCTAACTCCTAGAGTGCAGAAATATAAGCACCTGAAATCCCACGGAAGTAT
CATAAGCACACAAACCAACCAATGTCTGACTTGGTGGAAATAACCATCTTATCAACGGTAAGAAG
CTCCTGGCCGTCTTTGGAAGCACAGACTCGGAGTCTCTGATGACAGCCTTGTGCGATTGGCTGTTGGAT
TCGGTGGCCGTTTATCAAGTTGGGGGTCTTTCTCGGGTGAACGGATGACCAATACAACCGCCTTCT
TGCTATAGAGGAAGAACTCATCCAGAGGGGAGTATGGGGATGCTACTGCCACAATGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	BC023285
Insert Size:	1041 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC023285 , AAH23285
RefSeq Size:	1997 bp
RefSeq ORF:	1040 bp
Locus ID:	226265
Cytogenetics:	19 D2
Gene Summary:	Required for sperm motility, function and male fertility. May be involved in the normal assembly of the sperm fibrous sheath and provides most of the enolase activity in sperm (PubMed:23446454).[UniProtKB/Swiss-Prot Function]