

Product datasheet for **RC225486**

GSDME (NM_001127454) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GSDME (NM_001127454) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GSDME
Synonyms:	DFNA5; ICERE-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC225486 representing NM_001127454
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGCCAAAGCAACCAGGAATTTTCTAGAGAAGTTGATGCTGATGGTGACCTGATTGCAGTATCAA
 ATCTGAATGACTCTGATAAGTTACAGCTTCTAAGTCTGGTGACAAAAAGAAGAGATTCTGGTGCTGGCA
 GAGACCAAGTACCAGTTTTTATCCCTACCCCTGGCGATGTAATCATAGAAGACCAATTTCCGAGTCCA
 GTGGTCGTGGAGTCGGACTTTGTGAAATACGAGGGCAAGTTTGCAAACCACGTGAGTGGAACCTGGAGA
 CTGCACTGGGGAAGGTCAAGCTGAACCTGGGGGCGAGCCGCTAGAGAGCCAGTCTTCAATTTGGAAC
 CCTGAGGAAGCAGGAGGTGGATTTGCAGCAGCTCATCAGAGACTGCCGAGAGAACAATAAATCTGAGA
 AACCTGTGCTCCAGCAGGTGCTGGAGGGAAGGAATGAGTCTGTGCGTTTTGACACAGAAGATCACGA
 CGATGCAGAAGTGTGATCTCTGAGCACATGCAGGTCGAGGAGAAGTGGTGGCATCGTGGGCATCCA
 GACCAAGACGGTGCAGGTGTCAGCGACGGAGGATGGGAATGTACCAAGGACTCCAACGTGGTGTGGAG
 ATCCCAGCTGCCACCACCTACCTACGGTGTCAATGAGTTATACGTGAAACTGGACGGCCTGTTGAGT
 TCTGCCTTCTCCGAGGGAAGCAAGGTGGCTTCGAGAACAAGAAGAGAATTGACTCTGTCTACCTGGACCA
 CCTGGTCTTTCGAGAGTTTGCATTCATAGACATGCCAGATGCTGCGCATGGGATATCTTCCAGGATGGA
 CCATTAAGTGTTTAAAGCAAGCGACCCTGCTCCTGGAGAGGAATTTCCATCCATTTGCGGAGCTGCCTG
 AGCCACAACAGACAGCTTTGAGTGACATCTTCCAGGCGGTCGATTTTGTGATGAACTACTCATGGTCTCT
 GGAACCAAGTGTGCGATGACCTGGTCAGCGGCTCTCGCCACAGTGGCGGTGCTGGGGGAGCTGAAGCCC
 CGGCAGCAGCAGGACCTGTGGCCTTCTGCAGCTGGTGGGTGCAGCTTACAGGGTGGGTCCGGGCCC
 CCGAGGATGCAGGCAGCAAGCAGCTGTTTATGACAGCCTACTTCTTGGTCACTGCCCTCGCAGAAATGCC
 AGATAGCCGACGACGCTCTGCTGGGCACTTGTCTGCAAACCTCCAGATCATTCCACACTGTGCCACTTGCTT
 CGTGCTCTGTCTGATGATGGAGTATCTGATCTTGAAGACCAACCTTACTCCCTGAAAGATACAGAAA
 GGTTTGGGATTGTGCAGCGCTTGTGCTCAGCTGACATTAGTCTGGAGAGACTGAAGTCACTGTGAA
 AGCTGTCACTTGAAGGACTCTAAAGTCTTCCACTGCTCTTTGTATAACCCTGAATGGACTCTGTGCT
 TTAGGCAGAGAACATTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225486 representing NM_001127454
 Red=Cloning site Green=Tags(s)

MFAKATRNFLREVDADGDLIAVSNLNDSDKLQLLSLVTKKKRFWCWRPKYQFLSLTLGDVLIEDQFPSP
 VVVESDFVKYEGKFANHVSGTLETALGKVKLNLGGSSRVESQSSFGLRQVEVDLQQLIRDSAERTINLR
 NPVLQQVLEGRNEVLCVLTQKITTMQKCVISEHMVQVEEKCGGIVGIQTKTVQVSATEDGNVTKDSNVLE
 IPAATTIAYGVIELYVKLDGLFEFCLLRGKQGGFENKRIDSVYLDHLVFREFAFIDMPDAAHGISSQDG
 PLSVLKQATLLLRNFHPFAELPEPQQTALSDIFQAVVFDELLMVLEPVCDDLVSGLSPTVAVLGELKP
 RQQQDLVAFLLQVGCSLQGGCPGPELAGSKQLFMTAYFLVSALAEMPDSAAALLGTCCCKLQIIPTLCHLL
 RALSDDGVSLEDPDPTLPLKDKTERFGIVQRLFASADISLERLKSSVKAVILKDSKVFPLLLCITLNLGLCA
 LGREHS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

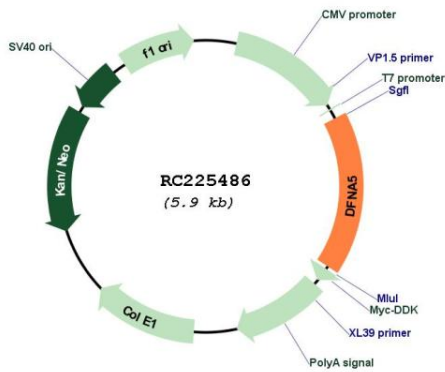
Sgfl-MluI

Protein Families: Druggable Genome

MW: 54.6 kDa

Gene Summary: Hearing impairment is a heterogeneous condition with over 40 loci described. The protein encoded by this gene is expressed in fetal cochlea, however, its function is not known. Nonsyndromic hearing impairment is associated with a mutation in this gene. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RC225486