

Product datasheet for **RC223827**

MEPE (NM_020203) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MEPE (NM_020203) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	MEPE
Synonyms:	OF45
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC223827 representing NM_020203
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGAGTTTTCTGTGTGGGACTACTCCTTTTCAGTGTGACCTGGGCAGCACCAACATTTCAACCACAGA
 CTGAGAAAATAAGCAAAGCTGTGTGGAAGAGCAGAGGCAGGAAGAAAAAACAAGACAATATTGGTTT
 TCACCATTTGGGCAAGAGAATAAATCAAGAGCTATCATCTAAAGAAAATATTGTCCAGGAAAGAAAGAAA
 GATTTGTCCCTTTCTGAAGCCAGTGAAGAATAAGGGAAGTAGTAAATCTCAAAATTTTCACAAATAGAC
 AGAGACTGAATAAAGAATATAGTATCAGTAACAAAGAGAATACTCACAATGGCCTGAGGATGTCAATTTA
 TCCTAAGTCAACTGGGAATAAAGGGTTTGAGGATGGAGATGATGCTATCAGCAAACACATGACCAAGAA
 GAATATGGCGCAGCTCTCATCAGAAATAACATGCAACATATAATGGGGCCAGTACTGCGATTAACCTCC
 TGGGGGAAGAAAACAAGAGAACACACCTAGGAATGTTCTAAACATAATCCAGCAAGTATGAATTATGC
 TAAAGCACACTCGAAGGATAAAAAGAAGCCTCAAAGAGATTCCCAAGCCAGAAAAGTCCAGTAAAAGC
 AAAAGCACCCATCGTATTCAACACAACATTGACTACCTAAAACATCTCTCAAAAGTCAAAAAATCCCCA
 GTGATTTTGAAGGCAGCGTTATACAGATCTTCAAGAGAGAGGGGACAATGATATATCTCCTTTTCAGTGG
 GGACGGCCAACCTTTTAAGGACATTCCTGGTAAAGGAGAAGCTACTGGTCTGACCTAGAAGGCAAAGAT
 ATTCAAACAGGGTTTGCAGGCCAAGTGAAGCTGAGAGTACTCATCTTGACACAAAAAGCCAGGTTATA
 ATGAGATCCCAGAGAGAGAAGAAAATGGTGAAATACCATTGGAAGTGGGATGAACTGCGAAAGAGGC
 AGATGCTGTTGATGTCAGCCTTGTAGAGGGCAGCAACGATATCATGGGTAGTACCAATTTTAAGGAGCTC
 CCTGGAAGAGAAGGAAACAGAGTGGATGCTGGCAGCCAAAATGCTCACCAGGGAAGGTTGAGTTTCATT
 ACCCTCTGCACCCTCAAAGAGAAAAGAAAAGGAGGAGTGTAGATCATTCTAATAGGAACCAAGCAACC
 TGAATTCCTAAAAATGGCAAAGGCAGTACCAGAAAGGGTGTAGATCATTCTAATAGGAACCAAGCAACC
 TTAATGAAAAACAAGTTTCTAGTAAGGGCAAAGTCAAGGGCCTGCCATTCTCTCGTGGTCTTG
 ATAATGAAATCAAAAACGAAATGGATTCCTTTAATGGCCCAAGTCATGAGAATATAATAACACATGGCAG
 AAAATATCATTATGTACCCACAGACAAAATAATTCTACAGGAATAAGGGTATGCCACAAGGAAAGGC
 TCCTGGGGTAGACAACCCATTCCAACAGGAGTTTGTCCCGTAGAAGGGATGACAGTAGTGAGTCAT
 CTGACAGTGGCAGTTCAAGTGAGAGCGATGGTGAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223827 representing NM_020203
 Red=Cloning site Green=Tags(s)

MRVFCVGLLLFSVTWAAPTFFQPQTEKTKQSCVEEQRQEEKNKDNIGFHHLGKRINQELSSKENIVQERKK
 DLSSLSEASENKGSKSQNYFTNRQRLNKEYSISNKENTHNLRLMSIYPKSTGNKGFEDGDDAISKLHDQE
 EYGAALIRNNMQHIMGPVTAIKLLGEENKENTPRNVLNIIPASMNYAKAHSKDKKKPQRDSQAQKSPVKS
 KSTHRIQHNIDYKHLKSKYKIPDFEGSGYDLQERGDNDISPFSGDQPFKDIKPKGEATGPDLEGKD
 IQTGFAFPSEAESTHLDTKKPGYNEIPEREENGNTIGTRDETAKEADAVDVSLEGSNDIMGSTNFKEL
 PGREGNRVDAGSQNAHQKVEFHYPAPSKEKRKEGSSDAESTNYNEIPKNGKSTRKGVDSNRNQAT
 LNEKQRFPSKGSQGLPIPSRGLDNEIKNEMDSFNGPSHENIITHGRKYHYVPHRQNNSTRNKGMPPQKGG
 SWGRQPHSNRRFSSRRRDDSSSESDSGSSSESDGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6159_b06.zip

Restriction Sites:

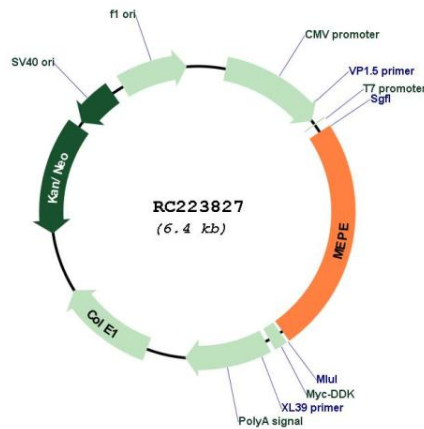
Sgfl-Mlul

Protein Families: Secreted Protein

MW: 58.2 kDa

Gene Summary: This gene encodes a secreted calcium-binding phosphoprotein that belongs to the small integrin-binding ligand, N-linked glycoprotein (SIBLING) family of proteins. Members of this family are components of the extracellular matrix of bone and dentin and regulate bone mineralization. Deficiency of a similar protein in mouse results in increased bone mass. Mice lacking this gene are resistant to aging-related trabecular bone loss. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2014]

Product images:



Circular map for RC223827