

Product datasheet for **MR225853**

Bmp6 (NM_007556) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|---|
| Product Type: | Expression Plasmids |
| Product Name: | Bmp6 (NM_007556) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Bmp6 |
| Synonyms: | D13Wsu115; D13Wsu115e; Vg; Vgr1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



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ORF Nucleotide Sequence:

>MR225853 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGGCTGGGGCGGAGGGCGCAGTGGCTGTGCTGGTGGTGGGGTTGCTGTGCAGCTCGGCCCCC
 CGCCTACTCGGCCCCCTCTGCCGTAGCCGCGCCGCGCCGGGGGCGAGCTGCTGGGAGCCGGCGGGAG
 CCCGGTGCAGCTGAGCAGCCACCGCCACAGTCTCTTCTTCGGGCTTCCTCTATCGCGGCTCAAGACC
 CACGAGAAGCGGGAGATGCAAAAGGAGATCCTGTCCGTGCTGGGGCTCCCGCACAGGCCGCGGCCCTGC
 ACGGTCTCCAGCAGCCTCAGCCCCGGTCTCCCGCCACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 GGCCCGCAGGAGCCCCCTCAGGGCGGCTGAAGTCCGCTCCACTCTTTCATGCTGGATCTCTACAACGCC
 CTGTCCAATGACGACGAAGAGGATGGGGCATCGGAGGGTGTGGGGCAAGAGCCTGGTCCACGGAGGGG
 CCAGCTCGTCCCAGCTCAGGCAGCCGTCTCCCGCGCTGCACACTCCTTGAACCGCAAGAGTCTCCTGGC
 CCCGGGACCCGGTGGCGGTGCGTCCCCTACTGACTAGCGCGCAGGACAGCGCTTTCCTCAACGACCGGAC
 ATGGTCATGAGCTTTGTGAACCTGGTGGAGTACGACAAGGAGTTCTCCCCACATCAACGACACCACAAG
 AGTTCAAGTTCAACCTATCCCAGATTCTGAGGGTGGAGCGGTGACGGTCTGAGTTCCCGCTCTACAA
 GGACTGTGTGGTGGGAGTTTTAAAAACCAACCTTTCTTATCAGCATTTACCAAGTCTTGCAGGAGCAT
 CAGCACAGAGACTCTGACCTATTTTTGTGGACACCCGGTGGTGTGGGCCTCAGAAGAAGTTGGCTGG
 AATTTGACATCACAGCAACTAGCAATCTGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGGTGG
 TGTGG
 GACAAGCAGCCCTTCATGGTGGCCTTCTCAAGGTGAGCGAGGTCACGTGCGCACACCACAGGTCAGCCT
 CCAGTCGGCGGGCGCAGCAGAGTGCACCCGTCACCCAGTCGACAGAGTGTCCCGGGGCTCCGGTTC
 TTCAGACTACAACGGCAGTGAAGTAAAAACAGCTTGAAGAAGCATGAGCTCTATGTGAGCTTCCAGGAC
 CTGGGATGGCAGGACTGGATCATTGCACCCAAAGGCTACGCTGCCAACTACTGTGATGGAGAGTGTCTCT
 TCCCACTCAACGCACACATGAATGCCACCAACCACGCCATTGTACAGACCTTGGTCCACCTTATGAATCC
 CGAGTACGTCCCCAAACCATGCTGCGCACCAACCAAACTGAATGCCATCTCGTTCTTTACTTCGATGAT
 AACTCCAATGTCATCTTGAAAAGTACAGGAATATGGTCGTGAGAGCTTGTGGTTGCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225853 protein sequence
 Red=Cloning site Green=Tags(s)

MPGLGRRAQWLCWWWGLLCSGPPPLRPPLPVAAAAAGGQLLGAGGSPVRAEQPPPPQSSSSGFLYRRLKT
 HEKREMQKEILSVLGLPHRPRPLHGLQQPQPPVLPQQQQQQQQQTAREEPPPGRLLKSAPLFMLDLNA
 LSNDDEEDGASEVGVQEPGSHGASSQLRQPSGAAHSLNRKSLAPGPGGGASPLTSAQDSAFLLNDAD
 MVMSFVNLVEYDKEFSPHQHHKEFKFNLSQIPEGEAVTAAEFRVYKDCVVGSFKNQTFLLISYQVLQEH
 QHRDSDLFLLDTRVVWASEEGWLEFDITATSNLWVTPQHNMGLQLSVVTRDGLHVNPRAGLVGRDGPY
 DKQPFMVAFFKVSEVHVTRTRSASSRRRQSRNRSTQSQDVSRSRGSDDYNGSELKTACKKHELIVYVFD
 LGWQDWIIAPKGYAANYCDGECFPLNAHMNATNHAIVQTLVHLMNPEYVVKPCCAPTKLNAISVLVYFDD
 NSNVILKKYRNMVVRACGCH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

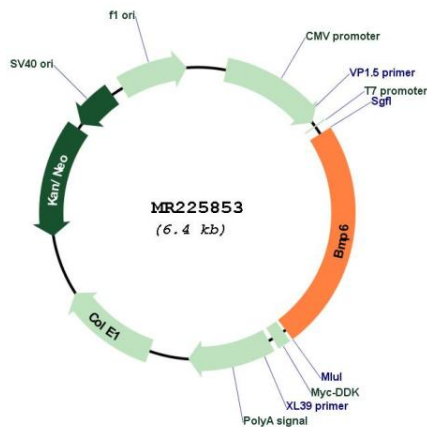
Restriction Sites:

Sgfl-MluI

MW: 56.4 kDa

Gene Summary: This gene encodes a secreted ligand of the TGF-beta (transforming growth factor-beta) superfamily of proteins. Ligands of this family bind various TGF-beta receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This protein regulates a wide range of biological processes including iron homeostasis, fat and bone development, and ovulation. Mice lacking this gene exhibit delayed ossification of the sternum, iron overload, and reduced fertility in females. [provided by RefSeq, Jul 2016]

Product images:



Circular map for MR225853