

Product datasheet for **MR207582**

Bpifb3 (NM_194357) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bpifb3 (NM_194357) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bpifb3
Synonyms:	Lplunc3; Rya3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207582 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGCTGGGTGTATACCTGCTTCTGCTCTGGGCCTGGCCACTCCATGCCTGGGCTGCTTGAGA
 CAGTGGGCACGCTTGCTCGGATTGACAAGGATGAAGTGGGCAAAGCCATCCAGAAGTCCCTAGTTGGGG
 CCCTATTCTGAAAACGTGCTGGGACTGTGACATCAGTGAACAGGGCCTCCTGGTGCAGGAGGGCTG
 CTCGGAGGTGGTGGCCTGCTGAGTTACGGTGGCATCTTTAGTCTTGTGGAAGAACTCTCTGGGCTGAAGA
 TAGAGGAACTAAGTTGCCAAAGTGTCACTCAAGCTGCTGCCGGGGTGGGGTGCAGCTGAACCTGCA
 CACCAAGTTAGCTGCATGGCTCCGGTCCCCTGGTGGCCTCCTGCAGCTGGCCGAGAGGTGAACGTG
 TCTTCGAAAGTGGCACTGGGCATGAGTCTCGGGGACACCCATCCTTGTCTTAAGCGTGCAGCACGC
 TCCTGGGTACATCAGTCTGATGTGAGGCTGCTGCCACGCAATCTTTGGGCTCGTAGAACAGACACT
 TGCAAGGTGCTGCTGGACTGCTGTGCCCTGTGGTAGACAGTGTGCTGAGTGTGGTGAATGAGCTTTG
 GGAGCTACGCTGAGCCTGGTGCCCTTGGGCCTCTGGGGTCTGTGGAGTTCACTCTGGCTACACTCCCC
 TAATCTCAACCAGTACATTGAGCTGGATATAAATCCCATCGTGAAGAGCATAGCTGGAGATGTCATTGA
 TTTCCCAAGCCACGCATCCCAGTCAAGGTGCCCCCAAAGAGGACCACCTCCCAAGTACTGTCCCA
 CTCTATCTCTTACGACCCGTGTTGGGCTCCTGCAAACCAACGGTGGCCCTTGACCTGGACATCACCCCTG
 AGATGGTCCCAGGAATGTCCTCTGACAACTACTGACCTGGCAGCTTTGGCTCTGAGGCCCTGGGAA
 ACTGCCCTGCTCAGCACCTCTGCTCTCGTGGGGTGACAAAATCGCCATGGTCTGCTGCAGAAC
 AAGAAGGCCACAGTCTCCATCCCAGTACCATCCATGTGCTGTCTTCTGTCCCTCAAGGAACTCTGTAG
 CCCTTTCCAGTTGAATGGGTTATGACTCTAAATGCCACCTGGCTCCATCCTCTACCAAGTGCACAT
 ATCTCTGTCCCTGGAACGGCTAAGTGTCCAGTGGCCTCCTCTTTCCCAACCTTTTGTGATGCATCCCGT
 CTGGAAGAATGGCTCAGTGTGGTCCGGGCTGCCTACATGCAGAGGCTCAACGAGCACCTGGAGTTG
 GAATCCCTGCCTAAGATTCTCAATGTCAACTTTGCCAATTCAGTGGTGCATATCATTGAGAATGCAGT
 TGTGCTCACAGTGGCTCCG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207582 protein sequence
 Red=Cloning site Green=Tags(s)

MMLGVYTLTLLWGLATPCLGLETVGLARIDKDELGKAIQNSLVGGPILQNVLGTVTSVNQGLLAGGGL
 LGGGLLSYGGIFSLVEELSGLKIEELTLPKVSLKLLPGVGVQLNLHTKVSLSHGSGPLVGLLQLAAEVNV
 SSKVALGMSPRGTPILVLKRCSTLLGHISLMSGLLPTPIFGLVEQTLCKVLPGLLCPVDSVLSVNNELL
 GATLSLVPLGPLGSVEFTLATLPLISNQYIELDINPIVKSIAGDVIDFPKPRIPVKVPPKEDHTSQVTVP
 LYLFSTVFGLLQTNGALDLITPEMVRNVPLTTDLAALAPEALGKLPQAHLHLLSLRVTKSPMVLQNK
 KKATVSIPTVTHVLSVVPQGTVALFQLNGVMTLNAHLAPSSTKLHISLSLERLSVQLASSFPQPFDA
 SREELSDVVRAAYMQRLEHLEVGIPKILNVNFANSVVDIIENAVVLTVP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

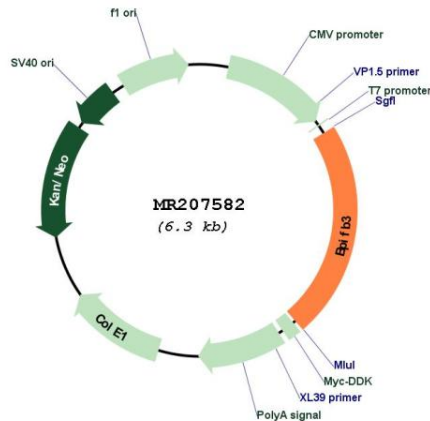
Sgfl-MluI

Cytogenetics: 2 H1

MW: 49.9 kDa

Gene Summary: May have the capacity to recognize and bind specific classes of odorants. May act as a carrier molecule, transporting odorants across the mucus layer to access receptor sites. May serve as a primary defense mechanism by recognizing and removing potentially harmful odorants or pathogenic microorganisms from the mucosa or clearing excess odorant from mucus to enable new odorant stimuli to be received (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207582