

Product datasheet for **MC209032**

Klk1b3 (NM_008693) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Klk1b3 (NM_008693) Mouse Untagged Clone
Tag: Tag Free
Symbol: Klk1b3
Synonyms: gamma-NGF; mGk-3; Ngf; Ngfg
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC209032 representing NM_008693
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTTCTGATCCTGTTCTAGCCCTGTCCCTAGGAGGGATTGATGCTGCACCTCCTGTCCAGTCTC
GAATTGTTGGAGGATTTAAATGTGAGAAGAATCCCAACCCTGGCATGTGGCTGTGTACCGATACACCCA
ATATTTATGCGGGGTGTCTGTTGGACCCCACTGGGTTCTCACAGCTGCCACTGCTATGACGACAAC
TACAAGGTTTGGCTGGGCAAAAACAACCTATTCAGGATGAACCATCTGCTCAGCACCGATTTGTCAGCA
AAGCCATCCCTCACCCCTGGCTTCAACATGAGCCTCATGAGGAAGCACATCCGATTCTTGAGTATGACTA
CAGCAATGACCTGATGCTGCTCCGCCTCAGCAAGCCTGCTGACATCACAGATACTGTGAAGCCCATCACC
CTGCCACTGAGGAGCCCAAGCTGGGAGCACATGCCTAGCCTCAGGCTGGGGCAGCATTACACCCACCA
AATTCCAATTCACAGATGATCTCTACTGTGTGAACCTCAAGCTCCTGCCTAATGAGGACTGTGCCAAAGC
CCACATAGAGAAGGTGACAGATGCCATGCTGTGTGCAGGAGAGATGGATGGAGGCAAAGACACTTGCAAG
GGTGACTCAGGAGGCCACTGATCTGTGATGGTGTCTCCAAGGTATCACATCATGGGCCATACCCCAT
GCGGTGAACCTGATATGCCAGGCGTCTACACCAAACCTAATAAGTTTACCTCCTGGATAAAAAGACACTAT
GGCAAAAACCCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008693
Insert Size: 786 bp



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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:	<ol style="list-style-type: none">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.
RefSeq:	NM_008693.2 , NP_032719.1
RefSeq Size:	888 bp
RefSeq ORF:	786 bp
Locus ID:	18050
UniProt ID:	P00756
Cytogenetics:	7 28.71 cM
Gene Summary:	This gene encodes the gamma subunit of the 7S nerve growth factor (NGF) complex that is essential for the differentiation and survival of distinct populations of neurons in both the central and the peripheral nervous systems. The encoded protein is a glandular kallikrein-type serine protease that processes the beta subunit of NGF. This gene is present in a cluster of multiple related kallikrein-type protease genes on chromosome 7. [provided by RefSeq, Jul 2015]