

Product datasheet for MC207263

Klk1b22 (NM_010114) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Klk1b22 (NM_010114) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Klk1b22
Synonyms:	EGF-BP A; Egfbp; Egfbp-; Egfbp-1; Egfbp1; Klk2; Klk22; mGk-22
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207263 representing NM_010114 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGGTTCTGATCCTGTTCTAACCCTGTCCCTAGGAGGGATTGATGCTGCACCTCCTGTCCAGTCTC
 GAATACTTGGAGGATTTAAATGTGAGAAGAATCCCAACCCTGGCAGGTGGCTGTGTACTACTTAGATGA
 GTACCTATGCGGGGGAGTCTGTTGGACCGCAACTGGGTTCTCACAGCTGCCACTGCTATGAAGACAAG
 TATAATATTTGGCTGGGCAAAAACAAGCTATTCCAAGATGAACCTCTGCTCAGCACCGATTGGTCAGCA
 AAAGCTTCCCTCATCCTGACTTCAACATGAGCCTCCTCCAAAGTGTACCTACTGGGGCCGACTTAAGCAA
 TGACCTGATGCTGCTCCGCCTCAGCAAGCCTGCTGACATCACAGATGTTGTGAAGCCCATCGACCTGCC
 ACTACGGAGCCCAAGCTGGGGAGCACATGCCTAGCCTCAGGCTGGGGCAGCATTAAACAGTTAATATACC
 AAAACCCAAATGATCTCCAGTGTGTGTCCATCAAGCTCCATCCTAATGAGGTCTGTGTGAAGGCCATAT
 ACTGAAGGTGACAGATGTCATGCTGTGTGCAGGAGAGATGAATGGAGGCAAAGACACTTGTAAAGGGAGAC
 TCAGGAGGCCACTGATCTGTGATGGTGTCTACAAGGTATCACATCATGGGGCTCTACCCCATGTGGTG
 AACCCAATGCACCGGCCATCTACACCAAACTTATTAAGTTTACCTCCTGGATAAAAGACACTATGGCCAA
 AAACCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_010114
Insert Size:	780 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_010114.2</u> , <u>NP_034244.1</u>
RefSeq Size:	855 bp
RefSeq ORF:	780 bp
Locus ID:	13646
UniProt ID:	<u>P15948</u>
Cytogenetics:	7 28.61 cM
Gene Summary:	This gene encodes the beta 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 preproprotein undergoes proteolytic processing to generate a functional, mature peptide. This gene is located in a cluster of several related kallikrein genes on chromosome 7. [provided by RefSeq, Feb 2016]