

Product datasheet for SC318664

LIMKAIN B1 (KIAA0430) (NM_014647) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	LIMKAIN B1 (KIAA0430) (NM_014647) Human Untagged Clone
Tag:	Tag Free
Symbol:	LIMKAIN B1
Synonyms:	KIAA0430; LKAP; LMKB; PPP1R34
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318664 representing NM_014647. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGATGGAAGGAAACGGAACAGAACTCCTGCAGTAGAACACGTGGATGGCTTCAACAAGATAATGAT
 GCTAAGCCATGGCTTTGGAAATCTCTAATTGCTTTTCTCGTCCTGAGCAGACGCTGCCACATAGTCCC
 CAAACGAAAGAGTACATGGAGAACAAGAAAGTTGCTGTGGAACAAAGGATGTACCATCACCCCTTCAT
 GCTGGCTCTAAGCTTTTCCAGCAGTCCCACTTCTGATATTCTGTTCTCTTCAGCAGCCTAAAATACAG
 CTTTCTTCTGTCCCAAGTAAGCTGCTGTGCTCATTGCCCTAATGAACCCTCCACTTCGCCAATGCGT
 TTTGGTGGTGGTGGCGGTAGCGGAGGTACCACTAGCTTGATTACCCGGGCGCACTGTTAGACTCG
 CAAAGCACCAGGACAATCACGTGTCAAGGTAGGGTCAGGGTTTGCTTTCCAGTCTGCATCTTCACTCCAG
 AATGCCTCAGCTAGGAACAATTTGGCAGGCATTGCAAGTGACTTTCCAGCATGTGTCTAGAGAGTAAC
 CTGTCTTCTGCAAAACACCTGCCCTGTTGTGGAAGAACTCCACTTCCAGTCATGTGTAATGTGCAC
 AAGCTGCATCAGTTTCCGAGTCTGCAGGGCTGCACCTCCGCTGGCTATTTCCCTGTTCTGATTTACA
 AGCGGGGCTCCAGGGCATTGGAAGAGCACATTTACAGTCGGAGCTAACGCCTCACTTGTGCACCAAC
 TCTTTCACCTTAATGTGGTACCTCCGTTTGTAAAGGGCTCACTTTACTGCGAAGACTGTCTAAAC
 AAGCCAGCAAGAAATAGCATAATCGATGCGGCTAAAGTCTGGCCAAATATACCACCTCAAATACTCAA
 CCTGCACCTCTTGCTGTCCCTCTGTGTAATGGCTGTGGAACCAAGGAACAGGAAGGAGACACGTTG
 TTATTGGCGACCACTAGGCAAAAGCTGCTTCAAAATTTGGGTACCCAGAAGTTGCAGTAGCTGGACAG
 GTGCTAGAAAACCTACCCCCATTGGAGTTTTTTGGGATATTGAAAACCTGCTCCGTTCCCTCTGGCCGG
 TCAGCAACTGCTGTTGTGCAAGAATCCGTGAGAAGTTTTTTAAAGGCCACAGAGAAGCAGAATTCATC
 TGTGTATGTGACATCAGTAAAGAAAACAAGGAAGTTATTCAAGAGCTGAATAATTGCCAGGTAACCGTT
 GCCACATCAATGCTACTGCAAGAATGCCGCTGATGATAAACTGCGGCAGAGTCTCCGAGATTGCA
 AATACACACACTGCTCCAGCCACAGTGGTTCTTGTGTCAACTGATGTCAATTTTGCATTGGAACCTAGT
 GACCTGAGACACAGGCATGGTTTCCACATTATTTGGTCCATAAAAACCAGGCCTCAGAAGCACTGCTG
 CATCATGCTAACGAGCTGATCAGATTTGAAGAGTTCATTTCCGACTTGCCCCCAGGTTACCACTAAAA


[View online »](#)

ATGCCACAGTGCCCACTCTGCTCTATGTTTATAACCTACCAGCAAAATAAGGATGGCAAGAGCGTCAGC
 AACAGGCTCAGACGCCTGTCCGATAATTGTGGTGGGAAAGTGCTGAGTATCACAGGCTGCAGTGCAATT
 CTCCGCTTCATAAACCAAGATAGTGCAGAGCGCTCAGAAGCGAATGGAAAACGAAGATGTCTTTGGT
 AATAGGATCATTGTGTCATTTACTCCAAAAATAGAGAACTCTGTGAAACAAAGATTCAAATGCAATT
 GCTGATAAAGTGAAGTCTCCAAAAAATTAAGAATCCAAATTTGTGCCTCATCAAAGATGCAAGTGAA
 CAATCTTCCAGTGCCAAAGCCACGCCTGGAAAAGGGTCACAGGCAAAATCTGGATCTGCTACAAAAAT
 ACAAATGTTAAAGTTTACAGAGCTGTGCCGCATGGAGTCAAAAATGGTGCATAGAAACAGTGAGCAC
 CAGCAAGGTACCTGAGGCTGGTCGTACCCACTACGGTAACTCAAGTGCTGCAGTGTGCGACGCCGAAA
 AACTCGGGGGTGGCAGAACCCGTTTACAAAACCACTCAGAAAAAGGAGAACCTCAGTGCCCGAAGTGTT
 ACCAGTTCTCCTGTAGAGAAAAAGATAAAGAGGAGACTGTATTCCAAGTGAGTTACCCGCTGCTTTT
 AGCAAGTTAGTTGCATCCAGGCAAGTCAGTCTCTGCTCGCATCTCAGTCTTGGTCTTCTAGGAGTATG
 TCTCCAAACCTTTTAAACAGAGCATCCCGCTTGTCTTCAACATTGCAAATTCGAGCAGCGAAGCCGAC
 TGCCAGACCCATTTGCAAATGGTGCTGATGTCCAAGTCAGCAACATAGACTACAGATTATCCCGAAG
 GAGCTGCAGCAGCTCCTGCAGGAAGCATTGCCAGGCATGGCAAGGTGAAGAGTGTGAGCTCAGCCCC
 CATAACAGATTATCAACTCAAGGCTGTTGTGCAAATGGAAAATACAAGATGCGATCGGTGCAGTGAAT
 AGCCTCCACAGATACAAAATTGGCAGCAAAAAGATCCTGGTCTCACTTGCCACCGGGGCTGCCAGCAAA
 TCACTCTCTTTACTGAGTGCAGAAACAATGTCTGTTCTTCAGGATGCCCTGCTGCTTGCCTGCCTCTG
 TTTAAATTTACAGATATCTATGAAAAAAGTTTGGACACAAGTTGAATGTGTGAGTCTATATAAATTA
 ACAGACACGGTCGCAATCCGTGAACAAGGAAACGGACGGCTGGTGTGCTCCTACCCAGCAGTCAGGCC
 CGCCAGAGCCCTTGGGGTCTTCCCACTCACACGACGGCTCCTCCACGAATTGCAGCCCAATTATATTT
 GAAGAGTTAGAATATCACGAGCCTGTCTGCAGACAGCATTGTTCCAATAAGGATTTACGCGAACATGAA
 TTTGATCCAGACTCTTACAAGATTCTTTTGTGATTCTTTCTTTGAAGACATTTGCGCCCCAGGTTTAC
 AGTCTTCTCCAGACCCACGAGGGCACCGTGCCTTTATTGAGCTTCCAGATTGTTACATTGCAGAGTTT
 GCGGATCTAGAAAGTAGTGAAGAAAACCAAGGAGGTGTTCCCTTAGAACACTTCATTACCTGTGTTCCA
 GGTGTAACATTGCCACTGCTCAGAATGGCATCAAAGTGTTAAATGGATTACAACAAGCCCCCGCT
 CCAACACTGACCCTTGCTTCTGCGTTGGAAGAGTCTGTAGGTAAACCCAGCTGATCCAGTTGAGT
 AGAGAAGTGATTGACTTGTGAAAAGCCAGCCATCTTGTGTATACCCATCAGTCATTTATCCCATCC
 TATCACCATCATTTTCAAAGCAGTGCCGAGTGTGAGTACGGTACTCCAAGTGAATTGAGTTATTA
 GAAGCAGTGCCTCATGTATTGCAGATTCTTGAATGGGCTCCAAACGCTGCTGACCCCTACCCACAGG
 GCCCAGGTGAAGCGCTTTACTCAGGATTTACTAAACTTCTCAAATCCAGGCCAGCAACAGGTCATT
 GTGAGAGAATTCTACAGGCTTATCACTGGTGTCTCTCAAAGGACTGGGATGTCAGTGAATATGGTGT
 TGTGAGTTGATTGACATCGTATCAGAGATTCCAGACACAACCATCTGCTGTCCCAACAAGATAATGAA
 ATGGTGATTTGTATCCCCAAAAGAGAACGCACTCAGGATGAAATAGAAAGGACAAAACAGTTCTCCAAG
 GATGTCGTTGATTGCTGCGTCACCAACCCCATTTCCGGATGCCCTTTAATAAATTTATCCCTTCTTAC
 CATCACCCTTTGGCCGGCAGTGCAAACTTGCCTACTATGGGTTTACCAACTACTTGAACCTTTTGAA
 GCCATACCTGATACTTTACAAGTATTGGAATGTGGAGAAGAAAAGATCCTTACTCTGACAGAGGTGGAG
 CGGTTCAAAGCTTAGCTGCCAGTTTGTAAACTCCTTCGGTCCCAAAAAGATAACTGCCTTATGATG
 ACAGATCTCCTTACAGAATATGCTAAACTTTTGGTTATACATTTCTGCTCCAAGACTATGATGTCAGT
 TCCATTTTCGGCTTAACTCAGAACTCTGCCATGTCGTGAAGGTTGCCGATATAGAATCTGGCAGACAG
 ATTCAGCTGATCAACCGAAAGTCTCTGCGATCTCTCACTGCCAGTTGCTGGTATTGTTGATGTCTTGG
 GAAGGAACCAACCATCTTCTGTTGAGGAGCTCAAGAGACATTACGAAAGTACCCACAACACTCCCTT
 AACCCCTGTGAATATGGATTGATGACCTTGACCGAACTGCTGAAGAGCCTGCCATACTTGGTTGAGGTT
 TTTACTAATGATAAGATGGAAGAATGTGTGAAGCTCACAAGTCTGTATTTGTTTGCAAAGAATGTGCGG
 TCTTTACTTCATACTTACCACTACCAGCAGATTTTCTTCATGAGTTTCCATGGCCTATACCAAGTAT
 GTCGGAGAACTCTGCAGCCCAAGACCTACGGCCACAGCAGCTGGAGGAGCTTGGGAGCAATTCCA
 CAGGTGGTCTGGATAAAAGGACATGGTCATAAGAGAATTGTAGTGTTAAAAATGACATGAAAAGTCGT
 TTGAGTTCACTCAGTCTCTCCCTGCCAATCATGAAAACAGCCCTCGGAGGGCGAGCGCATCTGGAG
 GTGCCCGAATCGCACACAGCCTCGGAATCAAGCTTGGAGCTGACGGCAGTGGGCCAGTCACACAGAG
 CAGGAGCTTCTCCGCTGACCGACGACTCCCCGTCGACCTCCTGTGTGCGCCTGTCCCCCTGTCGCTG
 CCGTCCCCCTCAGCTGAGACCAGACCCCGTTATCCTCCAATCTGCTGATCTCATTAGTTTGGAGGCGC
 CCTCAAGAGCCTTCTGAAATTATGATTTTAAACCAAGAAGAAAAAATGGAGATTTCAATACCAGGAAAG
 AGCAAACTCTGACCTCTGACTCCAGCTCGTCTGCATCTCAGCAGCTGTCCCGTGCCTCCCTGCCCC

TCCTCGGAAACCTCCGAGTCACTGCTCAGCAAGGACCCCGTGGAAAGCCCGGCCAAAAAGCAACCCAAA
AATAGAGTCAAATTGGCAGCCAACCTTTTCCTTAGCACCTATAACCAAGCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_014647
Insert Size:	5229 bp
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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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.
RefSeq:	<u>NM_014647.3</u>
RefSeq Size:	7760 bp
RefSeq ORF:	5229 bp
Locus ID:	9665
UniProt ID:	<u>Q9Y4F3</u>
Cytogenetics:	16p13.11
MW:	192.9 kDa
Gene Summary:	This gene encodes a putative peroxisomal protein that appears to be conserved across Euteleostomi. In humans, it may be autoantigenic. [provided by RefSeq, Jul 2010] Transcript Variant: This variant (1) encodes isoform (1).