

Product datasheet for SC315748

KLKBL4 (PRSS54) (NM_001080492) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	KLKBL4 (PRSS54) (NM_001080492) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLKBL4
Synonyms:	CT67; KLKBL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315748 representing NM_001080492. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGTGTCCGCGCGGGTCTCTCTGGGGATGGCAAGATGCGAGGGGTGCTCCTGGTGCTGCTCGGCCCTT
 CTCTATTCTTCCACCAAGTTGTGGCGTCCAGAAAGCTTCCGTTTCTACGGTCTGACCCCAAGGAGGGC
 TTGGTCAGCAGCATGGAGTTCCCGTGGGTGGTGTCTGCTGCAGGACTCCAGTACACACCTGGCTTTC
 GGCTGCATCCTGAGCGAGTTCTGGGTCTCAGCATCGCATCCGCCATTGAGAACAGGAAGGACATTGTC
 GTTATAGTGGGTATAAGTAACATGGATCCTAGCAAGATTGCTCACACAGAGTATCCAGTCAATACCATC
 ATCATCCATGAGGACTTTGATAACAACCTCCATGAGCAACAACATAGCCCTCCTGAAGACAGACACAGCG
 ATGCATTTTGGCAACCTGGTCCAGTCCATCTGCTTCTCGGCAGAATGCTGCATACACCACCAAGTCTTG
 CAGAACTGCTGGGTGTCAGGATGGAATCCACATCTGCAACAGGAAATCAGATGACGATGAGTGTCTG
 AGGAAATCTTCGTGAAAGATCTTGACATGTGTCCCTATACAACTCCAGAAGACAGAATGCGGCAGC
 CACACGAAAGAGGAAACCAAGACTGCCTGCTTGGGGGACCCAGGAAGCCCAATGATGTGCCAGCTACAG
 CAGTTCGATCTGTGGTCTGAGAGGAGTCTGAACTTCGGTGGTGAGACGTGCCCTGGCTGTTTCTG
 TACACCAAGGTGGAAGACTACAGCAATGGATCACATCCAAGGCTGAGAGGGCCGCCCTCCCCTGTCC
 TCACTCCACCACTGGGAAAAGTTGATTTCTTTCTCCACCATGGACCAATGCCACCATGACACAGAAG
 ACATATTCTGATTCTGAAGTGGCCATGTTGGATCATACTGCAGGGACAAAGAAGGACCATCACGCAT
 TCACGACTAGGAAACAGCTCTAGAGATAGTCTAGATGTTAGGGAGAAGGATGTAAAGGAATCAGGCAGG
 TCTCTGAGGCGTCTGTACAACCCTTATACTATGACTATTACGGTGGGGAGGTGGGGGAAGGTAGGATT
 TTTGCAGGTGAGAACAGTTGTATCAGCCGAAGAAATCATCTTGTTTCTTCTGCTGCTGTTTCTTT
 TGCAGCAGTATC**TAG**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites: SgfI-MluI


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ACCN:	NM_001080492
Insert Size:	1188 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_001080492.1</u>
RefSeq Size:	1810 bp
RefSeq ORF:	1188 bp
Locus ID:	221191
UniProt ID:	<u>Q6PEW0</u>
Cytogenetics:	16q21
Protein Families:	Druggable Genome
MW:	43.8 kDa
Gene Summary:	This gene encodes a putative serine-type endopeptidase containing the peptidase S1 domain. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2015] Transcript Variant: This variant (1) represents the longest transcript. Both variants 1 and 2 encode the same protein (isoform 1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.