

Product datasheet for SC331085

Kallikrein 15 (KLK15) (NM_001277082) Human Untagged Clone

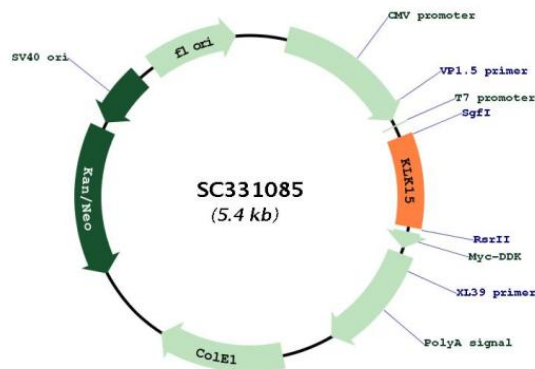
Product data:

Product Type:	Expression Plasmids
Product Name:	Kallikrein 15 (KLK15) (NM_001277082) Human Untagged Clone
Tag:	Tag Free
Symbol:	KLK15
Synonyms:	ACO; HSRNASPH
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331085 representing NM_001277082. Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTGGCTTCTCCTCACTCTCTCCTTCTGCTGGCATCCACAGCCCAGGATGGTGACAAGTTGCTGGAA
GGTGACGAGTGTGACCCCACTCCAGCCATGGCAAGTGGCTCTCTACGAGCGTGGACGCTTTAACTGT
GGCGTTCCTCATCTCCACACTGGGTGCTGTCTGCGGCCACTGCCAAGCCGCTTCATGAGAGTG
CGCCTGGGAGAGCACACCTGCGCAAGCGCGATGGCCAGAGCAACTACGGACCAGTCTCGGGTCATT
CCACACCCGCGTACGAAGCGCGCAGCCACCGCAACGACATCATGTTGCTGCGCCTAGTCCAGCCCGCA
CGCCTGAACCCCAAGTGCGCCCGGGTGTACCCACGCGTTGCCCCACCCGGGGAGGCCTGTGTG
GTGTCTGCTGGGCCTGGTGTCCACAACGAGCTGGGACCGCTGGGAGCCCCGGTACAAAGGTGA

Restriction Sites: SgfI-RsrII

Plasmid Map:



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ACCN:	NM_001277082
Insert Size:	483 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).
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_001277082.1
RefSeq Size:	1185 bp
RefSeq ORF:	483 bp
Locus ID:	55554
UniProt ID:	Q9H2R5
Cytogenetics:	19q13.33
Protein Families:	Druggable Genome, Protease, Secreted Protein
MW:	17.9 kDa
Gene Summary:	<p>Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (6) uses an alternate in-frame splice site in the 5' coding region, and lacks an exon that results in a frameshift in the 3' coding region, compared to variant 4. The encoded isoform (6) is shorter and has a distinct C-terminus, compared to isoform 4.</p>