

Product datasheet for **SC125574**

Kallikrein 9 (KLK9) (NM_012315) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kallikrein 9 (KLK9) (NM_012315) Human Untagged Clone
Tag:	Tag Free
Symbol:	Kallikrein 9
Synonyms:	KLK-L3; KLKL3
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC125574 sequence for NM_012315 edited (data generated by NextGen Sequencing) ATGAAGCTGGGACTCCTCTGTGCTCTGCTCTCTCTGCTGGCAGGGCATGGCTGGGCAGAC ACCCGTGCCATCGGGGCCGAGGAATGTCGCCCCAACTCCCAGCCTTGGCAGGCCGGCCTC TTCCACCTTACTCGGCTCTTCTGTGGGGCGACCCTCATCAGTGACCGCTGGCTGCTCACA GCTGCCACTGCCGAAGCCGTATCTGTGGGTCCGCCTTGGAGAGCACCACCTCTGGAAA TGGGAGGGTCCGGAGCAGCTGTTCCGGTTACGGACTTCTCCCCACCCTGGCTTCAAC AAGGACCTCAGCGCAATGACCACAATGATGACATCATGCTGATCCGCCTGCCAGGCAG GCACGTCTGAGTCTGCTGTGCAGCCCCCAACCTCAGCCAGACCTGTGTCTCCCCAGGC ATGCAGTGTCTCATCTCAGGCTGGGGGGCCGTGTCCAGCCCCAAGGCCTGTTTCCAGTC ACACTGCAGTGTGCCAACATCAGCATCCTGGAGAACAACCTCTGTCACTGGGCATACCCT GGCCACATCTCGACAGCATGCTCTGTGCGGGCCTGTGGGAGGGGGCCGAGTTCTGTC CAGGGTACTCTGGGGGCCCCCTGGTTTGAATGGAACCTTGGCAGGCCTGGTGTCTGGG GGTGTGAGCCCTGCTCCAGACCCCGGCCCGCAGTCTACACCAGCGTATGCCACTAC CTTGACTGGATCCAAGAAATCATGGAGAACTGA
	Clone variation with respect to NM_012315.1 543 a=>c



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_012315 unedited TTTGTAATACGACTCACTATAGGGCGGCCGAATTCGCCCTTTCATGAAGCTGGGACTC CTCTGTGCTCTGCTCTCTCTGCTGGCAGGGCATGGCTGGGCAGACACCCGTGCCATCGGG GCCGAGGAATGTCGCCCCAACTCCCAGCCTTGGCAGGCCGGCCTTCCACCTTACTCGG CTCTTCTGTGGGGCGACCCTCATCAGTGACCGCTGGTGTCTCACAGCTGCCACTGCCGC AAGCCGTATCTGTGGGTCCGCCTTGAGAGCACCACCTTGAAATGGGAGGGTCCGGAG CAGCTGTTCCGGTTACGGACTTCTTCCCCACCCTGGCTTCAACAAGGACCTCAGCGCC AATGACCACAATGATGACATCATGTGATCCGCCTGCCAGGCAGGCACGTCTGAGTCCT GCTGTGCAGCCCCCAACCTCAGCCAGACCTGTGTCTCCCCAGGCATGCAGTGTCTCATC TCAGGCTGGGGGGCCGTGTCCAGCCCCAAGGCGCTTGTCCCGTCACACTGCAGTGTGCC NNCTTCAGCATCCTGGAGAACANACTCTGTCACTGGGCATACCCTGCNCACTTCTCGGAC AGCATGCTCTTGTGCGGCCTGTGGGAGGGGGGCCAGTTTCTGCCAGGGTGACTCTGGG GCCCCCTGTTTGCATTGNACCTTTGCCAGCCTGGTTGTGGGGGTGCTGACCCTGGTC CAGACCCGGCCCGAATCTACAAAGCGTAGGCCATACCTGGATTGCTCCAGAAACTGG NAAACTGGACCCGCGCCCAGGGGCACCTGAAAAACAGAAGG
3' Read Nucleotide Sequence:	>OriGene 3' read for NM_012315 unedited GAGAGGCACTGGGAGGGGTACAGGGATGCCACCCGGGATCTGTTCAAGAAACAGCTAT GACCGCGCCGCAATCTAGAGTCGACAAGCTTGATATCGGTACCAGATCTGAATTCGCC TTTTCGGCTCTCTTGGTCTTCCAAGGTGCCCCCGTGGCGCGGGGCTCAGTTCTCCATG ATTTCTTGGATCCAGTCAAGGTAGTGGCATAACGCTGGTGTAGACTGCGGGGCGCCGGGT CTGGAGCAGGGCTCAGCACCCCCAGACACCACGCTGCCAAGGTTCCATTGCAAACCAGG GGCCCCCAGAGTCACCCTGGCAGGAACCTCGGCCCCCTCCCACAGGCCCGCACAGAGC ATGCTGTCCGAGATGTGGCCAGGGTATGCCAGTGACAGAGTTTGTCTCCAGGATGCTG ATGTTGGCACACTGCAGTGTGACTGGAACAGCGCCTTGGGGCTGGACACGGCCCCCAG CCTGAGATGAGACACTTGATGCCTGGGGAAGACCCAGTTCTGCCTAAGTTGAGGGCCTTG CAACCAGGACTAACATTGCCTGCCTGGCAGGCGGATAGCATGATGTCATCATTGTGTCAT TGCCCTGAGGTCTTGTGAACCAGGTGGGGAGGAGTCCGTACCNGAACACTGCTCGGACN
Restriction Sites:	Please inquire
ACCN:	NM_012315
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_012315.1 , NP_036447.1
RefSeq Size:	1438 bp
RefSeq ORF:	753 bp

Locus ID: 284366

UniProt ID: [Q9UKQ9](#)

Cytogenetics: 19q13.41

Protein Families: Druggable Genome, Protease, Secreted Protein

Gene Summary: The protein encoded by this gene is a kallikrein-related serine protease. This gene is activated by steroid hormones in a human breast cancer cell line, making it a good marker for cancer detection. The encoded protein is found primarily in the cytoplasm.[provided by RefSeq, Oct 2010]