

Product datasheet for **RG210131**

Kallikrein 15 (KLK15) (NM_017509) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kallikrein 15 (KLK15) (NM_017509) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Kallikrein 15
Synonyms:	ACO; HSRNASPH
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210131 representing NM_017509 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGCTTCTCCTCACTCTCTCCTTCTGCTGGCATCCACAGCAGCCAGGATGGTGACAAGTTGCTGG
AAGGTGACGAGTGTGCACCCCACTCCCAGCCATGGCAAGTGGCTCTCTACGAGCGTGACGCTTTAACTG
TGGCGCTTCCCTCATCTCCCACTGGGTGCTGTCTGCGGCCCACTGCCAAAGCCGTTTCATGAGAGTG
CGCCTGGGAGAGCACAACCTGCGCAAGCGCGATGGCCAGAGCAACTACGGACCACGTCTCGGGTCAATC
CACACCCGCGCTACGAAGCGCGCAGCCACCGCAACGACATCATGTTGCTGCGCCTAGTCCAGCCCGCAGC
CCTGAACCCCAAGGTGCGCCCGCGGTGCTACCCACGCGTTGCCCCACCGGGGAGGCCTGTGTGGTG
TCTGGCTGGGGCCTGGTGTCCCAACGAGCCTGGGACCCTGGGAGCCCGGTCACAAGTGAGTCTCC
CAGATACGTTGCATTGTGCCAACATCAGCATTATCTCGGACACATCTTGTGACAAGAGCTACCCAGGGCG
CCTGACAAACACCATGGTGTGTGCAGGCGGGAGGGCAGAGGCGCAGAATCCTGTGAGGGTGACTCTGGG
GGACCCCTGGTCTGTGGGGCATCCTGCAGGGCATTGTGTCTGGGGTGACGTCCCTTGTGACAACCA
CCAAGCCTGGTGTCTATACCAAAGTCTGCCACTACTTGGAGTGGATCAGGGAAACCATGAAGAGGAAC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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: [NM_017509.3](#)

RefSeq Size: 1309 bp

RefSeq ORF: 771 bp

Locus ID: 55554

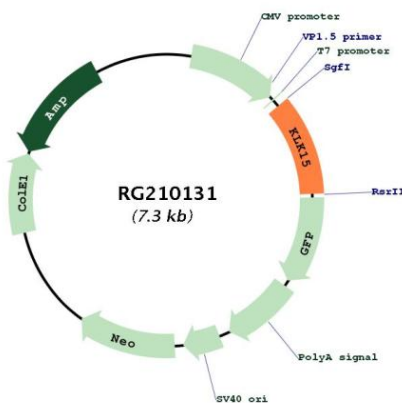
UniProt ID: [Q9H2R5](#)

Cytogenetics: 19q13.33

Protein Families: Druggable Genome, Protease, Secreted Protein

Gene Summary: 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]

Product images:



Circular map for RG210131