

Product datasheet for **RG220158**

Kallikrein 12 (KLK12) (NM_019598) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kallikrein 12 (KLK12) (NM_019598) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Kallikrein 12
Synonyms:	KLK-L5; KLKL5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG220158 representing NM_019598 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGCTCAGCATCTTTTTGCTCCTGTGTGTTCTTGGGCTCAGCCAGGCAGCCACACCGAAGATTTTCA
ATGGCACTGAGTGTGGGCGTAACTCACAGCCGTGGCAGGTGGGGCTGTTTGAGGGCACCAGCCTGCGCTG
CGGGGGTGTCTTATTGACCACAGGTGGTCTCACAGCGGCTCACTGCAGCGGCAGCAGGTAAGTGGTG
CGCCTGGGGGAACACAGCCTCAGCCAGCTCGACTGGACCGAGCAGATCCGGCACAGCGGCTTCTCTGTGA
CCCATCCCGGCTACCTGGGAGCCTCGACGAGCCACGAGCAGACCTCCGGCTGCTGCGGCTGCGCCTGCC
CGTCCGGTAACAGCAGCGTTCAACCCCTGCCCTGCCAATGACTGTGCAACCGCTGGCACCAGTGC
CAGTCTCAGGCTGGGGATCACCAACCACCCACGGAACCCATCCCGGATCTGTCCAGTGCCCAACC
TCTCCATCGTCTCCATGCCACCTGCCATGGTGTGTATCCCGGGAATCACGAGCAACATGGTGTGTGC
AGGCGGCGTCCCGGGCAGGATGCCTGCCAGGGTATTCTGGGGCCCCCTGGTGTGTGGGGGAGTCCCT
CAAGGTCTGGTGTCTGGGGTCTGTGGGGCCCTGTGGACAAGATGGCATCCCTGGAGTCTACACCTATA
TTTGCACTCCACTCTTGTGGCCTGGGAACCTTGGAACTTAACTCCTGCCAGCCCTC

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_019598.3](#)

RefSeq Size: 945 bp

RefSeq ORF: 765 bp

Locus ID: 43849

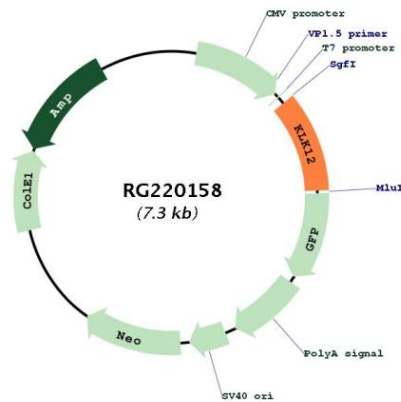
UniProt ID: [Q9UKR0](#)

Cytogenetics: 19q13.41

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. Alternate splicing of this gene results in three transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG220158