

Product datasheet for **RG210126**

CELA2B (NM_015849) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CELA2B (NM_015849) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: CELA2B
Synonyms: ELA2B
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG210126 representing NM_015849
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTAGGACCCTGCTGCTGTCCACTTTGGTGGCTGGAGCCCTCAGTTGTGGGGTCTCCACTTACGCGC
CTGATATGTCTAGGATGCTTGGAGGTGAAGAAGCGAGGCCAACAGCTGGCCCTGGCAGGTCTCCCTGCA
GTACAGCTCCAATGGCCAGTGGTACCACACCTGCGGAGGGTCCCTGATAGCCAACAGCTGGGTCTGACG
GCTGCCACTGCATCAGCTCCTCCGGATCTACCGGTGATGCTGGCCAGCATAACCTCTACGTTGCAG
AGTCCGGCTCGCTGGCCGTGCTCTAAGATTGTGGTGCACAAGGACTGGAACCTCCGACCAGGTCTC
CAAAGGGAACGACATTGCCCTGCTCAAACCTGGCTAACCCCGTCTCCCTACCGACAAGATCCAGCTGGCC
TGCCCTCCCTCCTGCCGGCACCATTCTACCCAACAACCTACCCTGCTACGTACCGGGTGGGGAAGGCTGC
AGACCAACGGGGCTCTCCCTGATGACCTGAAGCAGGGCCGGTTGCTGGTTGTGGACTATGCCACCTGCTC
CAGCTCTGGTGGTGGGGCAGCACCGTGAAGACGAATATGATCTGTGCTGGGGGTGATGGCGTATATGC
ACCTGCAACGGGACTCCGGTGGGCCGCTGAACCTGTCAGGCATCTGACGGCCGGTGGGAGGTGCATGGCA
TCGGCAGCCTCACGTCGGTCTTGGTTGCAACTACTACAAGCCCTCCATCTTACGCGGGTCTCCAA
CTACAACGACTGGATCAATTCGGTGATTGCAAATAAC

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_015849.2](#), [NP_056933.2](#)

RefSeq Size: 941 bp

RefSeq ORF: 810 bp

Locus ID: 51032

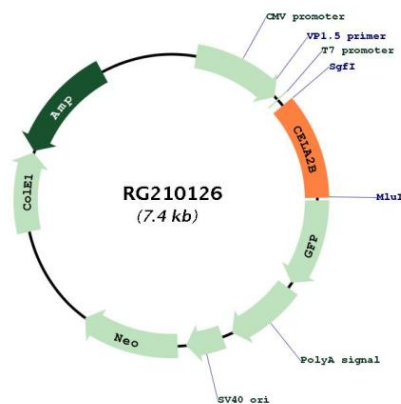
UniProt ID: [P08218](#)

Cytogenetics: 1p36.21

Protein Families: Druggable Genome, Secreted Protein

Gene Summary: Elastases form a subfamily of serine proteases that hydrolyze many proteins in addition to elastin. Humans have six elastase genes which encode the structurally similar proteins elastase 1, 2, 2A, 2B, 3A, and 3B. Like most of the human elastases, elastase 2B is secreted from the pancreas as a zymogen. In other species, elastase 2B has been shown to preferentially cleave proteins after leucine, methionine, and phenylalanine residues. [provided by RefSeq, Jul 2008]

Product images:



Circular map for RG210126