

### CAPN3-calpain 3, (p94) Gene

Reference: PTXBC003521

|                |                                                                                                                                                                                                                          |                     |                |
|----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                      | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                     | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | CANP3; CANPL3; LGMD2; LGMD2A; nCL-1; p94; calpain-3; calpain p94, large [catalytic] subunit; calpain, large polypeptide L3; muscle-specific calcium-activated neutral protease 3 large subunit; new calpain 1; calpain 3 |                     |                |

**For research use only.**

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| <b>GENE DESCRIPTION</b> | calpain 3, (p94)                                                                                  |
| <b>GENE ID</b>          | 825                                                                                               |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC003521                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | CAPN3                                                                                             |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

#### ORF (Only for reference, product provided without STOP codon )

atggagatctgtcagatgagctcaagaaggtccttaacacagtcgtgaacaaacacacaggacctgaagacacacgggttcacactggagtcctgcccgtagcatgattgcgtcatggatacagatggctctggaagctcaacctgcaggagttccaccctctggaacaagattaag  
gcctggcagaaaattttcaaacactatgacacagaccagtcggccacatcaacagctacgagatgcgaatgcagtcaacgacgcaggattccacctcaacaaccagctctatgacatcattaccatgcgtacgcagacaaacacatgaacatcgactttgacagtttcatctgctcttc  
gttaggctggaggcatgttcagagctttcatgcatgtgacaaggatggagatggatcatcaagctcaacgttctggagtgcctgcagtcacatgatgcctga