

Product datasheet for **RN205988**

Cela2a (NM_012553) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cela2a (NM_012553) Rat Untagged Clone
Tag: Tag Free
Symbol: Cela2a
Synonyms: Ela2; Ela2a; ELAI; Elaii1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205988 representing NM_012553
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATCAGGACACTGCTGCTATCTGCCTTGGTGGCTGGAGCTCTCAGCTGCGGGTACCCACTTATGAGG
TCCAGCATGATGTGAGCAGGGTAGTTGGGGTCAAGAGGCCAGTCCCAACAGCTGGCCCTGGCAGGTCTC
CCTGCAGTACCTTTCCTCTGAAAGTGGCACCACCTGCGGAGGCTCCCTGGTGGCCAACAACCTGGGT
CTGACCGCTGCCATTGTATCAGCAACTCTAGGACCTACCGCGTCTGCTGGGCGCACACGCCTCTCCA
CCTCGGAATCCGGCTCACTGGCTGTTCCAGTCTCCAAGCTTGTGGTCCATGAGAAGTGAACGCTCAAAA
GCTCTCCAACGGGAATGACATTGCCCTGGTCAAAGTGGCTAGCCAGTGGCCCTGACCAGCAAGATCCAG
ACGGCTTGCCTCCCACCCGCTGGTACCATTCTGCCAAACAACCTACCCCTGCTACGTCACAGGCTGGGGCC
GGCTGCAGACCAACGGAGCCACTCCTGACGTCTGCAGCAGGGCCGTCTGCTGGTGTGGACTATGCCAC
CTGCTCCAGCGCTAGCTGGTGGGAAGCTCCGTGAAGACCAACATGGTGTGCGCTGGTGGCAGCGGTGTG
ACCTCCAGCTGCAATGGGACTCCGGCGGACCACTGAATTGCCAGGCATCTAATGGCCAGTGGCAGGTGC
ACGGTATTGTGAGCTTTGGCTCCACTCTGGCTGCAACTACCCCGTAAGCCATCTGTCTTACCAGGGT
CTCCAACACTACATCGACTGGATCAACTCGGTGATTGCAAAGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012553
Insert Size: 816 bp



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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_012553.2 , NP_036685.1
RefSeq Size:	908 bp
RefSeq ORF:	816 bp
Locus ID:	24332
UniProt ID:	P00774
Cytogenetics:	5q36
Gene Summary:	elastase enzyme predicted to have broad substrate specificity [RGD, Feb 2006]