

Product datasheet for RN205522

Cela1 (NM_012552) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cela1 (NM_012552) Rat Untagged Clone
Tag: Tag Free
Symbol: Cela1
Synonyms: Ela1; ELAI1; RATELAI1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205522 representing NM_012552
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTGCGCTTCCTGGTGTTCGCTCCCTGGTCTGTATGGACACAGTACCCAGGACTTCCGGAACTA
ATGCCCGGTGGTTGGAGGGCTGAAGCCCGGAGGAACCTCGGCATCTCAGATTTCCCTCCAGTACCT
GTCCGGAGGATCATGGTACCACACCTGTGGAGGGACCCTCATCCGACGCAACTGGGTGATGACCGTGCC
CACTGTGTGAGCAGCCAGATGACTTCCGAGTGGTCGTCGGAGACCACAACCTGAGTCAGAATGACGGCA
CGGAGCAGTACGTGAGCGTGCAGAAGATCGTGGTGCACCCCAACTGGAACAGCAACAATGTGGCTGCAGG
CTATGACATCGCCCTATTGCGCTTGGCCAGAGTGTCACTCAATAACTACGTCCAGCTGGCTGTTTTG
CCCCAGGAGGGAACCATCCTGGCTAACAAACAATCCCTGTATATCACAGGCTGGGGGAGAACCAGAACCA
ATGGGCAGCTGTCTCAGACCTGCAGCAGGCGTACCTGCCAGCGTGGACTACAGCATCTGCTCCAGCTC
CTTTACTGGGGCTCCACGGTGAAGACGACCATGGTGTGTGCTGGTGGAGACGGAGTCCGCTCTGGGTGC
CAGGGTGATTCTGGGGGACCCCTCCATTGCTTGGTGAACGGCCAGTATTCTGTCCACGGAGTGACCAGCT
TTGTGTCCAGTATGGGCTGTAATGTCTCCAGGAAGCCACAGTCTCACCCGAGTCTCTGCTTACATTTCT
CTGGATGAACAATGTCATTGCCTACAAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012552
Insert Size: 801 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_012552.4 , NP_036684.1
RefSeq Size:	1107 bp
RefSeq ORF:	801 bp
Locus ID:	24331
UniProt ID:	P00773
Cytogenetics:	7q36
Gene Summary:	catalyzes the hydrolysis of elastin and other proteins [RGD, Feb 2006]