

Product datasheet for **RN203567**

Elfn1 (NM_001105913) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Elfn1 (NM_001105913) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Elfn1
Synonyms:	Ppp1r28; RGD1308787
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203567 representing NM_001105913
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGGGCACGGGTGGGTGCACCGTGGTACTTGTGGCAGCCGCCACATTACTGCACGCTTGTGGGC
 TGGCCCAAGGTGACTGCTGGCTGATTGAGGGTGACAAGGGCTTGTGTGGCTGGCCATCTGCAGTCAGAA
 CCAGCCGCCCTATGAGGCCATCCCCAGCAGATCAACAACACCATCGTGGACCTGCGGCTTAACGAGAAC
 CGCATCCGCAGCGTGCAGTACGCGTCCCTCAGCCGCTTCGGAACCTCACATACCTCAACCTCACCAAGA
 ATGAGATAGGCTACATCGAGGACGGGGCCTTCTGGCCAGTTCAACCTCCAGGTGCTGCAGCTGGGTTA
 CAACCGGCTGCGCAACCTTACGGAGGGCATGCTGAGGGGCTGAGCAAGCTCGAGTACCTGTATCTGCAG
 GCCAACCTCATCGAGTGGTATGGCCAGCGCCTTCTGGGAGTGCCCAACATAGTCAACATAGATCTCT
 CCATGAACCGCATCCAGCAGCTTGGCAGTGGCACCTTCGCGGGCTGACCAAGCTCTCGGTGTGCGAGAT
 TTACAGCAACCCCTTCTACTGCTCCTGCGAGCTGCTGGGTTTCTGCGTGGCTGGCAGCCTTCACCAAC
 GCCACCCAGACCACGACCGTGTGAGTGTGAGTCTCCTCCCGTCTACGCGGGCTACTTCTCTGGGCC
 AAGGCCGCCACGGCCACCAACGTAGCATCCTTAGCAAGCTGCAGTCCGTGTGACTGAGGGCTCCTACAC
 TGCTGAAGTGCTTGGCCCGCCCGCCGGTGCCCGGCCGATCACAGCCAGGACATTGCCACCTCCGCT
 CCTCCAGAGCCAGTGACATGCCCTGCGCTGATGACGAGTGTCTCTGGAGACGGCACCACGCCACTGG
 TGGTCTGACGACACTGGTCCCTCAGACAGAGGGCCGTCCTCCATGAAAGTCAAGCAGCTGACCCAGAA
 CTCAGCCACCATCATGGTGCAGTGGCCAGCCCTTCAACCGCATGTACACACTGGAGCAGTACAACAAC
 AGTAAATCGTTCACGGTGTCAAAGCTGACTCAGCCTCAGGAGGAGATCCGCTCACCAATCTCTACACCG
 TCACCAACTACACGTAAGTGGTCTCCACAGTTCGACAGCCATCATAACCAACACCTGCCTTACCAT
 CTGCCTGCCCAAGCCACCCAGCCACCCGCGCCGTCGCCAGCCCTCCACAGCCACCCACTACATCATG
 ACCATCTGGGCTGCCTCTCGCATGGTGTGGTGTGGTGGCGTGTACTACTGCCTGCGAAAGCGGA
 GGCGACAGGAGGAGAAACACAAGAAGGCCGTGGCAGCAGCCGCTGGCAGCTTGAAAAAGACCATCATTGA
 ACTTAAGTACGGCCCTGAGATCGAGGCACCCGGGCTGGCTCCGCTGACCCAGGGCCCGCTGCTGGGCCCT
 GAGGCTGTGACTCGAATACCCTACCTGCCAGCTGCCACCAGCGACGTGGAGCAGTATAAGCTGGTGGAGA
 GCGGCGAGACCCCAAGGCCACCAAGGGAACTACATTGAAGTGGCACAGGGGAGCCCGGAACGCAG
 AGGCTGTGAGCTGAGCCGGCCTGCCCTGAAACCCAGAGCTCGGTAGCCGAGATCTCCACCATTGCCAAG
 GAAGTGGACAGAGTCAACCAGATCATTAACTGCATAGACGCACTCAAGTCAAGTCCACCTCCTTCC
 AGGGCGCAAATCAGGGGCCGTGTCGCGGCTGAGCCGAGCTGGTGTGCTGTCCGAGCCTCTGGCCAG
 CAAGCACAGCTTCTATCCCCTGTATACAAAGATGCCTTTGGCCATGGTGGCCTGCAGCGGCACCACAGT
 GTGGAGGCTGCGACCGGGCCCGGAGGGCCAGCACTTCACTCCAGCGGTTCTGCACGCAGCCCTCGCACCT
 TCCGGGCTGAGACGGCCGGCGCACATAAGGCCCCAGCCACCGAGACCAAGTACATTGAAAAAGCTCACC
 TGTGCCGAGACCATCCTCACTGTGACACCCGCGGCACTGTGCTGCGGGCGGAGGCCGACAAGAGTCG
 CAGTATGGCGAGCATCGGCACTCGTACCCCGGCTCTACCCTGCCGAGCCACTGCTCCGCCACCACCTC
 CACCCACTCATGAGGGTTTGGGAGGCCGAAAGGCATCTATCTGGAGCCTTGACCCGGCCACGACCCCG
 AGACCTGTCTACTCGCAACTGTCCCGCAGTACCACAACCTGAGCTATTATCCAGCCCGAGTACACC
 TGCAGGGCATCCCAAGCATCTGGGAGGCTCTCAGACTAAGCCGGCGGAGACACAAGGATGATGCGGAGT
 TCATGGCGGCTGGCCACGCCCTGCGCAAGAAGTCCAGTTTGTAAAGACGAGGACCTGCATGACATCCT
 AGACTACTGAAAGGCGTGTCTGCCAGCACAAGTCC**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_001105913
Insert Size: 2490 bp

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:	<u>NM_001105913.1</u> , <u>NP_001099383.1</u>
RefSeq Size:	4174 bp
RefSeq ORF:	2490 bp
Locus ID:	288512
Cytogenetics:	12q11