

Product datasheet for SC210739

ELFN1 (NM_001128636) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones

Symbol: ELFN1

Synonyms: PPPIR28

Mammalian Cell Selection: Neomycin

Vector: pMirTarget (PSI00062)

ACCN: NM_001128636

Insert Size: 893 bp

Insert Sequence: >SC210739 3'UTR clone of NM_001128636
The sequence shown below is from the reference sequence of NM_001128636. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
AAGGGCGTGTGCGGCCAGCACAAGTCCGAGCCCCCAAGACCGGCGATGCCCACTGGACCAAAAAGGA
TGCAGGATCCACCCAGAGACTCAGCACAAACCAACACACGACGCCACCACAGCAACTGTGACAGCG
GGGGGCCCTGCAGAGGCGAGGGGGGAGCGAGTGGGGACAGACAAGGGGGACACGTCCCGAGCTCCTGTG
GCCGGTCTGGGATGCGCTTGTGCCCCGGGTGGCACGTGTCCACACACACACACACACACACACACAC
ACACACGAGGGACTTCGAAAACCTGTGTCTTAGGGATGGGGGTGGGGTGGGGATTTTTTTTTCATTA
TCTTCTCTTTTGTGCTTCTCTGCTTTTCTTTCTCTCTATCTCTTTACTTTCTTCTTTTAA
AAAAATATAATAAAAGACAAGTTATTTTAAAAAGACATAAAATGCCATCCGTGGGGGTGTGGCCGGCG
TGGCCACCTCGGGGCCCTCAGTGATCTCCTCGGTCCGTGGTTTTCTGTGGATTCTGTCCAGTCCG
TCTTTCATTGCCGCTCCGAGTCCACTGCAGAGGGGAGAGTGAATGCCGGCGGCAAGTGGCCTCC
GGGACAGGTCTGGAGCCTGCTGGACTCAGGGTGGGTGGAGGCTGTGCTGTGGACGGCCGGGTGGC
CAGGACGGCCAAGGGCTGGGAGGCAGTCCCCAGCCAGCCCCATGTACACTGTAGTCGTTCTATTG
TACAGAAAAAATATTTCTATATTTGCAATGTTTGTGTAATAAGAGAAAGAAAAAGACTATGTCTA
CTAAAAAAGAAAAAAGACTATGTCTACTTAAAAAATCTGCAAAAGAAAAAATCAAA
ACGCGTAAGCGGCCGCGCATCTAGATTGCAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001128636.4</u>
Summary:	Postsynaptic protein that regulates circuit dynamics in the central nervous system by modulating the temporal dynamics of interneuron recruitment. Specifically present in excitatory synapses onto oriens-lacunosum molecular (OLM) interneurons and acts as a regulator of presynaptic release probability to direct the formation of highly facilitating pyramidal-OLM synapses (By similarity). Inhibits phosphatase activity of protein phosphatase 1 (PP1) complexes.[UniProtKB/Swiss-Prot Function]
Locus ID:	392617
MW:	32.7