

## Product datasheet for **SC210597**

### Ephrin A1 (EFNA1) (NM\_004428) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Ephrin A1 (EFNA1) (NM\_004428) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** EFNA1  
**Synonyms:** B61; ECKLG; EFL1; EPLG1; GMAN; LERK-1; LERK1; TNFAIP4  
**ACCN:** NM\_004428  
**Insert Size:** 862 bp  
**Insert Sequence:** >SC210597 3'UTR clone of NM\_004428  
The sequence shown below is from the reference sequence of NM\_004428. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTTCCACTTCTGCTGCTGCAAACCCCGTGAAGGTGTATGCCACACCTGGCCTTAAGAGGGACAGGCTG
AAGAGAGGGACAGGCACTCCAAACCTGTCTTGGGGCCACTTTTCAGAGCCCCAGCCCTGGGAACCACTC
CCACCACAGGCATAAGCTATCACCTAGCAGCCTCAAACCGGGTCAAGTATTAAGGTTTTCAACCGGAAGG
AGGCCAACCGCCGACAGTGCCATCCCCACCTTACCTCGGAGGGATGGAGAAAGAAGTGGAGACAGT
CCTTTCCACCATTCTGCCTTTAAGCCAAAGAAACAAGCTGTGCAGGCATGGTCCCTTAAGGCACAGT
GGGAGCTGAGCTGGAAGGGGCCACGTGGATGGGCAAAGCTTGTCAAAGATGCCCCCTCCAGGAGAGAGC
CAGGATGCCCAGATGAAGTGAAGGAAAAGCAAGAAACAGTTTCTTGCTTGAAGCCAGGTACAGG
AGAGGCAGCATGCTTGGGCTGACCCAGCATCTCCAGCAAGACCTCATCTGTGGAGCTGCCACAGAGAA
GTTTGTAGCCAGTACTGCATTCTCCCATCCTGGGGCAGCACTCCCCAGAGCTGTGCCAGCAGGGGG
GCTGTGCCAACCTGTTCTTAGAGTGTAGCTGTAAGGGCAGTGCCCATGTGTACATTCTGCCTAGAGTGT
AGCCTAAAGGGCAGGGCCACGTGTATAGTATCTGTATATAAGTTGCTGTGTGTCTGCCTGATTCTCA
CAACTGGAGTTTTTTTATACAATGTTCTTTGTCTCAAATAAAGCAATGTTTTTTTCGGACATGCTTT
TCTGCCACTCCATATAAACATATGACCATTGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_004428.3</a>
<b>Summary:</b>	This gene encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. This gene encodes an EFNA class ephrin which binds to the EPHA2, EPHA4, EPHA5, EPHA6, and EPHA7 receptors. Two transcript variants that encode different isoforms were identified through sequence analysis. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	1942
<b>MW:</b>	31.9