

Product datasheet for **SC200447**

EPB42 (NM_001114134) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EPB42 (NM_001114134) Human 3' UTR Clone
Symbol:	EPB42
Synonyms:	PA; SPH5
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001114134
Insert Size:	105 bp
Insert Sequence:	<p>>SC200447 3'UTR clone of NM_001114134</p> <p>The sequence shown below is from the reference sequence of NM_001114134. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> <p>GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACCGTGGTAGCCCTGAAGTATCAGCTAAACTTCCAGCTCTATCACCCTCTCTGCCAACCTTGTT CTACAATCTAAACCAACATGTGCTAGGAAGAGAAA ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG</p>
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.
RefSeq:	<u>NM_001114134.2</u>


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Summary:	Erythrocyte membrane protein band 4.2 is an ATP-binding protein which may regulate the association of protein 3 with ankyrin. It probably has a role in erythrocyte shape and mechanical property regulation. Mutations in the EPB42 gene are associated with recessive spherocytic elliptocytosis and recessively transmitted hereditary hemolytic anemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Locus ID:	2038
MW:	3.7