

Product datasheet for **SC318158**

EPB41L4A (NM_022140) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPB41L4A (NM_022140) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPB41L4A
Synonyms:	EPB41L4; NBL4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC318158 representing NM_022140.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGCTGTTTCTGCGCTGTTCCGGAAGAATTTTACTGCGAAGTTTGTCTCTGGATGAATCCAAGTTA
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ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
  
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Restriction Sites: SgfI-RsrII

ACCN: NM_022140

Insert Size: 2061 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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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:	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_022140.3</u>
RefSeq Size:	4707 bp
RefSeq ORF:	2061 bp
Locus ID:	64097
UniProt ID:	<u>Q9HCS5</u>
Cytogenetics:	5q22.1-q22.2
Domains:	B41
MW:	79 kDa
Gene Summary:	The protein encoded by this gene is a member of the band 4.1 protein superfamily. Members of this superfamily are thought to play an important role in regulating interactions between the cytoskeleton and plasma membrane, and contain an amino terminal conserved domain that binds glycophorin C. This gene product is thought to be involved in the beta-catenin signaling pathway. [provided by RefSeq, Dec 2016] Transcript Variant: This variant (2) lacks two consecutive exons at the 3' end, and includes an alternate 3' terminal exon, compared to variant 1. The encoded isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.