

Product datasheet for **SC332209**

EPB4IL2 (EPB41L2) (NM_001252660) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EPB4IL2 (EPB41L2) (NM_001252660) Human Untagged Clone
Tag:	Tag Free
Symbol:	EPB4IL2
Synonyms:	4.1-G; 4.1G
Vector:	pCMV6-Entry (PS100001)



[View online »](#)

Fully Sequenced ORF: >SC332209 representing NM_001252660.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGACTACTGAAGTAGGCTCTGTGTCTGAAGTGAAGAAGGACTCTAGCCAGTTAGGAACAGATGCAACC
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AAAGAAACAGAGTTGGCTGAGGAAGGGGAAGAT TAA
  
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Restriction Sites: SgfI-MluI

ACCN: NM_001252660

Insert Size: 2244 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:

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: [NM_001252660.1](#)

RefSeq Size: 3675 bp

RefSeq ORF: 2244 bp

Locus ID: 2037

UniProt ID: [O43491](#)

Cytogenetics: 6q23.1-q23.2

Protein Pathways: Tight junction

MW: 83.8 kDa

Gene Summary: Required for dynein-dynactin complex and NUMA1 recruitment at the mitotic cell cortex during anaphase (PubMed:23870127).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (6) differs in the 5' UTR and lacks three consecutive exons in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (d) is shorter than isoform a. Variants 6 and 18-20 all encode the same isoform (d).