

Product datasheet for SC331838

PHACTR1 (NM_001242648) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	PHACTR1
Synonyms:	DEE70; dJ257A7.2; EIEE70; RPEL; RPELI
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331838 representing NM_001242648. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGATTATCCCAAAATGGATTATTTCTGGATGTAGAGTCTGCTCACAGACTCTTGATGTTGAGTCA
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ATCCGAAAGGAGCTCAATGAATCAAAGCACTGAGATGGAAGTTCAATGAGTAGACACTTAACA
AGGTTTCACCGACCTAA

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Restriction Sites:	SgfI-MluI
ACCN:	NM_001242648



Insert Size:	1743 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_001242648.1
RefSeq Size:	2706 bp
RefSeq ORF:	1743 bp
Locus ID:	221692
UniProt ID:	Q9C0D0
Cytogenetics:	6p24.1
MW:	66.3 kDa
Gene Summary:	The protein encoded by this gene is a member of the phosphatase and actin regulator family of proteins. This family member can bind actin and regulate the reorganization of the actin cytoskeleton. It plays a role in tubule formation and in endothelial cell survival. Polymorphisms in this gene are associated with susceptibility to myocardial infarction, coronary artery disease and cervical artery dissection. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Apr 2016] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2, 3 and 4 all encode isoform a.