

Product datasheet for **SC325234**

Phostensin (PPP1R18) (NM_001134870) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phostensin (PPP1R18) (NM_001134870) Human Untagged Clone
Tag:	Tag Free
Symbol:	Phostensin
Synonyms:	HKMT1098; KIAA1949
Vector:	<u>pCMV6 series</u>



[View online »](#)

Fully Sequenced ORF:	>NCBI ORF sequence for NM_001134870, the custom clone sequence may differ by one or more nucleotides <pre> ATGGCCACCATCCCAGACTGGAAGCTACAGCTGCTAGCCCGGCGCCGGCAGGAGGAGGCG TCCGTTTCGAGGCCGAGAGAAAGCAGAACGGGAGCGCCTGTCCCAGATGCCAGCCTGGAAA CGAGGGCTCCTGGAGCGCCGCCGGGCCAAGCTTGGGCTGTCCCTGGGGAGCCTAGCCCT GTGCTAGGGACTGTAGAGGCTGGACCTCCAGACCCGGATGAGTCTGCGGTCTTCTGGAG GCCATCGGGCCAGTGCACCAGAACCGATTATCCGGCAGGAGCGGCAGCAGCAGCAGCAG CAACAACAACGGAGTGAAGAGCTGCTAGCAGAGAGAAAGCCTGGGCCTCTGGAGGCCCGG GAGCGGAGACCCAGCCCTGGGGAGATGCGGGATCAGAGCCCAAGGGAAGAGAGTCAAGA GAAGAGAGACTAAGTCCGAGGGAGACCAGAGAGAGGAGGCTGGGGATAGGGGAGCCCAA GAGTTGAGCCTGAGGCCTCTGGAGGCTCGGACTGGAGGCAAAGCCCAGGAGAGGTGGGA GACAGGAGCTCCGACTGTCAGAGGCATGGAAATGGAGGCTGAGTCTGGAGAACTCCA GAGCGGAGTCTGAGACTAGCAGAGTCTCGAGAGCAAAGCCCCAGGAGAAAAGAGGTGGAA AGTAGACTGAGCCAGGGGAATCTGCCTACCAGAAGTTGGGCCTGACAGAGGCCCATAAA TGGAGACCTGACTCCAGAGAGTCTCAGGAACAGAGTTTGGTACAACCTGGAGGCAACAGAG TGGAGGCTGAGGTGAGGAGAAGAAAGACAAGACTACTCGGAAGAATGTGGAGAAAAGAA GAGTGGCCAGTTCAGGGGTAGCTCCAAAAGAGACTGCAGAGCTGTCCGAGACCTTGACA AGGGAGGCCCAAGGCAACAGTTCGCGAGGAGTGGAGGCAGCAGAGCAGAGGCCTGTGAA GATGGCGAGAGGGGCATGAAGCCAACAGAAGGGTGGAAATGGACCCTGAACCTCCGGAAG GCTCGAGAATGGACACCCAGGGACATAGAGGCTCAAACCTCAGAAACCAGAACCTCCAGAG TCAGCAGAGAAGCTTCTGGAATCTCCCGGTGTGGAGGCTGGAGAAGGGGAGGCTGAGAAG GAGGAGGCGGGGGCTCAGGGCAGGCCTCTGAGAGCCCTGCAGAACTGCTGCTCTGTGCCC TCCCCCTCCCACAGAGGACGCTGGGACTGGAGCCTGAGACAGCAGGAAGAGGAAGCA GTGGAGCTCCAGCCCCCACCAGCCCTCTGTCTCCCCCAGCCCAAGCCCAACTGCC CCCCAACCTCCTGGGATCCCCCTCATGAGCCGCCTGTTCTATGGGGTGAAGGCAGGGCCA GGGGTGGGGGCCCCCGCCGAGTGGACACACCTTCAACGTCACCCCGCGCGTCTGTG CCCCCTGCGACCCAGCCACCCCAACCTCTCCAGCCACAGTTGATGCTGCAGTCCCGGG GCTGGGAAGAAGCGGTACCCAAGTCCGAGGAGATCTTGGTTCTGGGGGCTACCTCCGT CTCAGCCGAGTGCCTTGCCAAGGGTCCCCGAAAGACACCACAAACAGCTTAAGATC TCCTTCAGCGAGACAGCCCTGGAGACCAGTACCAATACCCCTCCGAGAGTTCGGTACTG GAGGAGCTGGGCCCGAGCCTGAGGTCCCAAGTCCCCCAACCTCCAGCAGCCCAACCC GACGACGAAGAGGATGAGGAAGAGCTGCTGCTGCTGCAGCCAGAGCTCCAGGGCGGGCTG CGCACCAAGGCCCTGATTGTGGATGAGTCTGCCGGCGG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001134870
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_001134870.1, NP_001128342.1</u>
RefSeq Size:	2969 bp
RefSeq ORF:	1842 bp
Locus ID:	170954
UniProt ID:	<u>Q6NYC8</u>
Cytogenetics:	6p21.33
Gene Summary:	Protein phosphatase-1 (PP1; see MIM 176875) interacts with regulatory subunits that target the enzyme to different cellular locations and change its activity toward specific substrates. Phostensin is a regulatory subunit that targets PP1 to F-actin (see MIM 102610) cytoskeleton (Kao et al., 2007 [PubMed 17374523]).[supplied by OMIM, Mar 2008] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same protein.