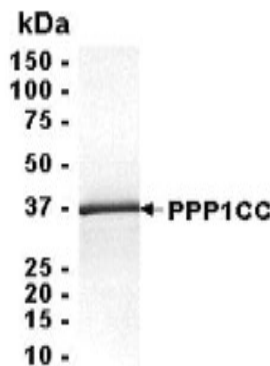


## PPP1CC

### Recombinant Human PPP1CC His

<b>Catalog No.</b>	CRP159	<b>Quantity:</b>	50 µg
<b>Alternate Names:</b>	Protein phosphatase 1, catalytic subunit, gamma isozyme, PP-1G, PPP1G		
<b>Description:</b>	Protein phosphatase 1 (PP1) is essential for cell division, and participates in the regulation of glycogen metabolism, muscle contractility and protein synthesis. It is involved in regulation of ionic conductances and long-term synaptic plasticity. It may play an important role in dephosphorylating substrates such as the postsynaptic density-associated Ca(2+)/calmodulin dependent protein kinase II.		
<b>Gene ID:</b>	5501		
<b>Protein Accession No:</b>	NP_002701		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	37.1 kDa (Calculated)		
<b>Formulation:</b>	10 mM Tris, pH 8.0, + 0.1% Triton X-100 + 0.002% Sodium Azide + 10 mM DTT. <b>Precaution:</b> Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
<b>Purity:</b>	95%		
<b>Fusion Partner:</b>	His-tag at N-terminus		
<b>Domain:</b>	aa 1-323		
<b>Applications:</b>	This recombinant protein can be used for Western blot, ELISA, Mass Spectrometry.		
<b>Storage &amp; Stability:</b>	Store at -80°C. As with any protein, exposing PPP1CC recombinant protein to repeated freeze/thaw cycles is not recommended. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature. During shipment, small volumes of PPP1CC recombinant protein will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µl or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.		

SDS PAGE: Analysis of PPP1CC recombinant Protein. 4-20% SDS gradient gel. Coomassie blue staining.



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

