

## Phosphatase Orphan-1 Human Recombinant

<b>Item Number</b>	rAP-1537
<b>Synonyms</b>	Phosphoethanolamine/phosphocholine phosphatase, Phosphatase, Orphan 1, EC 3.1.3.75, Phospho1.
<b>Description</b>	Human Phospho1 Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 295 amino acids and having a molecular mass of 31.3 kDa. The Human Phospho1 is fused to a 14 aa His tag at N-Terminus. Human Phosphocholine Phosphatase is purified by proprietary chromatographic
<b>Uniprot Accesion Number</b>	Q8TCT1
<b>Amino Acid Sequence</b>	MRGSHHHHHH GMASMSGCFP VSGLRCLSRD GRMAAQGAPR FLLTFDFDET IVDENSDDSI VRAAPGQRLP ESLRATYREG FYNEYMQRVF KYLGEQGVVP RDL SAIYEAI PLSPGMSDLL QFVAKQGACF EVILISDANT FGVESLRAA GHHS LFRRIL SNPSGPDARG LLALRPFHTH SCARCPANMC KHKVLS DYLR ERAHDGVHFE RLFYVGDGAN DF CPMGLLAG GDVAFPRRGY PMHR- LIQEAQ KAEPSFRAS VVPWETAADV RLHLQQVLKSC.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after re-constitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time.
<b>Formulation and Purity</b>	Filtered (0.4µm) and lyophilized from 0.5mg/ml in 30mM acetate buffer pH-4. Greater than 95% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 0.1M Acetate buffer pH4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**