

## 32-2725: PPP4C Recombinant Protein

**Alternative Name** : Serine/threonine-protein phosphatase 4 catalytic subunit, PP4,PP4C,PPH3,PPP4,PPX,PPP4C,Protein Phosphatase 4 Catalytic subunit,Protein phosphatase X,PP-X,Pp4.

### Description

Source : E.coli. PP4C Human Recombinant produced in E. coli is a single polypeptide chain containing 330 amino acids (1-307) and having a molecular mass of 37.5kDa. PPP4C is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Protein Phosphatase 4 Catalytic subunit (PPP4C), is a part of the Serine/threonine-protein phosphatase catalytic subunits which takes part in dephosphorylation and regulation of HDAC3. The protein phosphatase (PP) holoenzyme is a trimeric complex compound of a regulatory subunit, a variable subunit and a catalytic subunit. 4 major families of protein phosphatase catalytic subunits have been identified, designated PP1, PP2A, PP2B (calcineurin) and PP2C.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** The PPP4C solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSSLVPRGSH MGSMAEISDL DRQIEQLRRC ELIKESEVKA LCAKAREILV  
EESNVQRVDSPTVCGDIHG QFYDLKELFR VGGDVPETNY LFMGDFVDRG FYSVETFLLL LALKVRYPDR  
ITLIRGNHESRQITQVYGFY DECLRKYGSV TVWRYCTEIF DYLSLSAIIID GKIFCVHGGL SPSIQTLDQI  
RTIDRKQEVPHDGPMDLLW SDPEDTTGWG VSPRGAGYLF GSDVVAQFNA ANDIDMICRA  
HQLVMEGYKW HFNETVLTWVSAPNYCYRCG NVAAILLELDE HLQKDFIIFE AAPQETRGIP SKKPVADYFL.

