

32-4491: Recombinant Human Protein Phosphatase 1, Regulatory Subunit 11

Alternative Name : HCG-V,HCGV,IPP3,TCTE5,TCTEX5,Protein phosphatase 1 regulatory subunit 11,Hemochromatosis candidate gene V protein,PPP1R11.

Description

Source : Escherichia Coli. PPP1R11 Human Recombinant produced in E. coli is a single polypeptide chain containing 149 amino acids (1-126) and having a molecular mass of 16.3 kDa. PPP1R11 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Protein phosphatase 1 regulatory subunit 11 (PPP1R11) is located within the major histocompatibility complex class I region on chromosome 6 and is expressed in a variety of both adult and embryonic tissues. PPP1R11 acts as an inhibitor of PP1 (protein phosphatase 1), particularly showing a sensitivity toward the metal-independent and metal-dependent forms of PP1. Deletion of a portion of the q arm of chromosome 6 is related with early onset intestinal cancer, proposing the presence of a cancer vulnerability locus.

Product Info

Amount : 10 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The PPP1R11 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.
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 SSGLVPRGSH MGSMAEAGAG LSETVTETTV TVTTEPENRS LTIKLRKRKP EKKVEWTSDT VDNEHMGRRS SKCCCIYEKP RAFGESSTES DEEEEGCGH THCVRGHRKG RRRATLGPTP TTPPQPPDPS QPPGPMQH.