



PPP1R11, 1-126aa, Human, His tag, E.coli

Cat.NO.: TP03501

3th Edition

Synonyms:Protein phosphatase 1 regulatory subunit 11, HCG-V, HCGV, IPP3, TCTE5, TCTEX5

Description:Protein phosphatase 1 regulatory subunit 11, also known as PPP1R11, is a 126 amino acid protein that is expressed in a variety of both adult and fetal tissues. PPP1R11 functions as an inhibitor of PP1 (protein phosphatase 1), specifically exhibiting a sensitivity toward the metal-independent and metal-dependent forms of PP1. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Recombinant human PPP1R11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

Molecular Weight:16.3kDa (149aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAGAGLSETVTETTVTVTTEPENRSLTIKLRKRKPEKKVEWTSDTV DNEH
MGRRSSKCCCIYEKPRAFGESSTESDEEEEEEGCGHHCVRGHRKGRRRATLGPTPTTPPQPPDPSQPPPGPMQ
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Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.