
Product Data Sheet

Product Name: PPP1R11 Human
 Cat. No.: GP24220
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	HCG-V; HCGV; IPP3; TCTE5; TCTEX5; Protein phosphatase 1 regulatory subunit 11; Hemochromatosis candidate gene V protein; PPP1R11.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAEAGAG LSETVTETTV TVTTEPENRS LTIKLRKRKP EKKVEWTS DT VDNEHMGRRS SKCCCIYEKP RAFGESSTES DEEEEEGCGH THCVRGHRKG RRRATLGPTP TTPPQPPDPS QPPPGPMQH.		
Formulation	The PPP1R11 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.		

Introduction

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.

Stability

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.

Background

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

Caution: Product has not been fully validated for medical applications. For research use only.

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chromatographic techniques.

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