

RPPB2158

---

## Product Information    Protein Information

**Product SKU:**

RPPB2158

**Accession:**

P49593

**Host:**

E.coli.

**Protein description:**

PPM1F Human Recombinant produced in E. coli is a single polypeptide chain containing 477 amino acids (1-454) and having a molecular mass of 52kDa. PPM1F is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Protein phosphatase 1F, Ca(2+)/calmodulin-dependent protein kinase phosphatase, CaM-kinase phosphatase, CaMKPase, Partner of PIX 2, Protein fem-2 homolog, hFem-2, KIAA0015, POPX2, PPM1F, CAMKP, FEM-2.

**Formulation:**

The PPM1F solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 90% as determined by SDS-PAGE.

**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.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH MGSMSGAPQ KSSPMASGAE ETPGFLDTLL QDFPALLNPE DLPWKAPGT  
VLSQEEVEGE LAELAMGFLG SRKAPPPLAA ALAHEAVSQL LQTDLSEFRK LPREEEEEEE DDDEEEKAPV  
TLLDAQSLAQ SFFNRLWEVA GQWQKQVPLA ARASQRQWLVI SIHAIRNTRR KMEDRHVSLP SFNQLFGLSD  
PVNRAYFAVF DGHGGVDAAR YAAVHVHTNA ARQPELPTDP EGALREAFRR TDQMFLRKAK RERLQSGTTG  
VCALIAGATL HVAWLGDSSQV ILVQQGQVVK LMEPHRPERQ DEKARIEALG GFVSHMDCWR VNGTLAVSRA  
IGDVFQKPYV SGEADAASRA LTGSEDYLLL ACDGFFDVVP HQEVVGLVQS HLTRQQGSGL RVAEELVAAA  
RERGSNDNIT VMVFLRDPQ ELLEGGNQGE GDPQAEGRQR DLPSSLPEPE TQAPPRS.