

## Recombinant Protein Tyrosine Phosphatase Type IVA 1 (PTP4A1)

Catalog No.: TP03595 100µg

### Sequence Information

**Species:** Human

**Gene ID:**7803

**Swiss Prot:**Q93096

**Synonyms:**Protein tyrosine phosphatase type  
IVA 1, HH72; PRL-1; PRL1,  
PTP(CAAX1), PTPCAAX17C1

**Residues:**Met1~Gln173

MARMNRPAPVEVYTKNMRFLITHNPTNATLNKFIEELKKYGVTTIVRVCEATYD  
TTLVEKEGIHVLWDWPFDDGAPPSNQIVDDWLSLVKIKFREEPGCCIAVHCVAGL  
GRAPVLVALALIEGGMKYEDAVQFIRQKRRGAFNSKQLLYLEKYRPMRLRFKD  
SNGHRNCCIQ

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His Tag

**Subcellular Location:** Membrane, Cytoplasm.

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 9.2

**Predicted Molecular Mass:** 23.5kDa

**Accurate Molecular Mass:** 24kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

