

**PRL-3, 1-173 aa, Human, His-tagged, Recombinant, E.coli**

**Cat.NO.: TP03527**

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3th Edition

**Synonyms:**Protein tyrosine phosphatase type IVA 3, PTP4A3, PRL3

**Description:**Protein tyrosine phosphatase type IVA 3 (PRL-3), as known as PTP4A3, belongs to a small class of prenylated protein tyrosine phosphatases (PTPs) that remove phosphate modifications from tyrosine residues on proteins. This protein enhances cell proliferation, cell motility and invasive activity. High levels of PRL-3 expression are associated with tumorigenesis and metastasis, thus it is overexpressed in metastatic colorectal, ovarian, liver and skin cancers.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 2 mM EDTA,1 mM DTT, 10% glycerol

**Molecular Weight:**21.6 kDa (193aa)

**Sequences:**

MGSSHHHHHSSGLVPRGSHMARMNRPAPVEVSYKHMRF LITHNPTNATLSTFIEDLK KYGATTVVRVCEV TYDK  
TPLEKDGITVVDWPFDDGAPPPGKVVEDWLSLVKAKFCEAPGSCVAVHCVAGLGRAPVLVALALIESGMKYEDIAQ  
FIRQKRRGAINSKQLTYLEKYRPKQRLRFKDPH THKTRCCVM

**Purity:**> 95% by HPLC

**Concentration:**1 mg/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.