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Recombinant Human PRL-2 / PTP4A2 Protein (GST tag)

产品货号: TP06499

第三版

别名:HH13;HH7-2;HMT;HNMT-S1;HNMT-S2;HU-PP-1;OV-1;PRL-2;PRL2;ptp-IV1a;ptp-IV1b;PTP4A;PTPCAAX2

**描述:**PRL-2 (Protein-tyrosine phosphatase of regenerating liver 2), also known as PTP4A2 (Protein tyrosine phosphatase type IVA, member 2), is a member of PTP family and has an important function in controlling cell growth. PRL-2 phosphatases may be multifunctional enzymes with diverse roles in a variety of tissue and cell types. The phosphatase of regenerating liver (PRL) family, comprising PRL-1, PRL-2 and PRL-3, is a group of prenylated phosphatases that are candidate cancer biomarkers and therapeutic targets. PRL-1, PRL-2, and PRL-3 represent a novel class of protein-tyrosine phosphatase with a C-terminal prenylation motif. They are three closely related intracellular enzymes that possess the PTP active site signature sequence CX 5R. The PRL-2 mRNA is elevated in primary breast tumors relative to matched normal tissue, and also dramatically elevated in metastatic lymph nodes compared with primary tumors. PRL-2 plays a role in breast cancer progression. PRL-2 is a pathogenic molecule in hematopoietic malignancies and suggest its potential as a novel therapeutic target.

**配方:**PBS

**分子量:**45.9 kDa

**序列:**Asn 2-Gln 167

**纯度:**> 95% by HPLC

**浓度:**

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.