

Product datasheet for **AR09281PU-N**

PRL3 / PTP4A3 (1-173, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PRL3 / PTP4A3 (1-173, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MARMNRPAPV EVSYKHMRF ITHNPTNATL STFIEDLKKY GATTVVRVCE VTYDKTPLEK DGITVVDWPF DDGAPPPGKV VEDWLSLVKA KFCEAPGSCV AVHCVAGLGR APVLVALALI ESGMKYEDAI QFIRQKRRGA INSKQLTYLE KYRPKQRLRF KDPHTHKTRC CVM
Tag:	His-tag
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: In 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM EDTA, 1 mM DTT, 10% glycerol
Endotoxin:	< 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PRL-3, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_009010</u>
Locus ID:	11156
UniProt ID:	<u>O75365</u>
Cytogenetics:	8q24.3
Synonyms:	PRL-3; PRL-R; PRL3


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Summary:

This gene encodes a member of the protein-tyrosine phosphatase family. Protein tyrosine phosphatases are cell signaling molecules that play regulatory roles in a variety of cellular processes. Studies of this class of protein tyrosine phosphatase in mice demonstrates that they are prenylated in vivo, suggesting their association with cell plasma membrane. The encoded protein may enhance cell proliferation, and overexpression of this gene has been implicated in tumor metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]

Protein Families:

Druggable Genome, Phosphatase

Product images:
