

Datasheet for ABIN7275479

**PTP4A3 Protein (AA 1-170) (His tag)****2** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	PTP4A3
Protein Characteristics:	AA 1-170
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PTP4A3 protein is labelled with His tag.

## Product Details

Purpose:	Human PRL-3/PTP4A3 Protein
Sequence:	Met1-Cys170
Characteristics:	Recombinant Human PRL-3/PTP4A3 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Met1-Cys170.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	PTP4A3
Alternative Name:	PRL-3 ( <a href="#">PTP4A3 Products</a> )

Target Details

Background:	Phosphatases of regenerating liver (PRL-1, PRL-2, and PRL-3, also known as PTP4A1, PTP4A2, and PTP4A3) control magnesium homeostasis through an association with the CNNM magnesium transport regulators. PTP4A3 (PRL-3) plays an important role in the tumorigenesis and metastasis of multiple tumors.
Molecular Weight:	20.29 kDa same as Tris-Bis PAGE result.

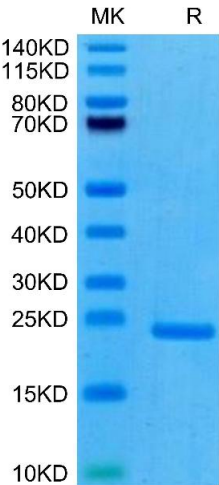
Application Details

Restrictions:	For Research Use only
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Handling

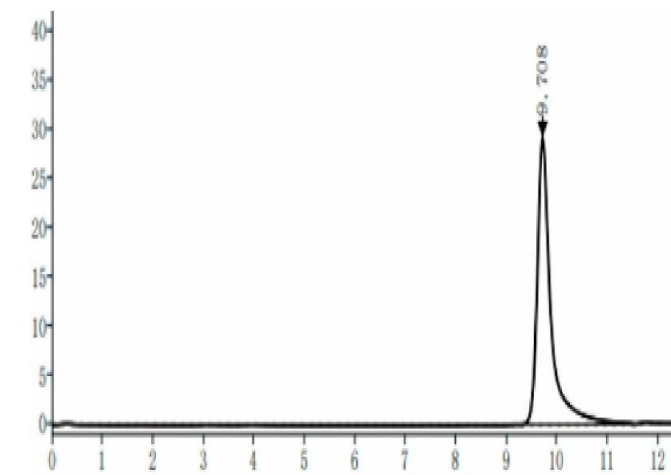
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in 20 mM PB, 500 mM NaCl, 2 mM DTT, 20 % Glycerol ( pH 7.5).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

**Image 1.** Human PRL-3 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Human PRL-3 is greater than 95 % as determined by SEC-HPLC.