

## Native Human Pzp

**Cat. No.** Pzp-3279H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	alpha 2 Macroglobulin
<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Description</b>	<p>Purified native Human alpha 2 Macroglobulin proteinA major serum protein found at concentrations of 240 mg per 100 ml in men and 290 mg per 100 ml in women. Multifunctional, it promotes growth of mammalian cells in culture, stimulates the regeneration of lymphocytes in irradiated mice, possesses a transport function for zinc and is a proteinase inhibitor that controls the clotting and fibrinolytic system. Clinically levels are increased in liver cirrhosis, nephrotic syndrome, diabetes, and severe burn cases.</p>
<b>Form</b>	Lyophilized from 30mM Na <sub>3</sub> PO <sub>4</sub> , pH 7.0, with glycine as a stabilizer.
<b>Purity</b>	>95% pure by SDS PAGE
<b>Notes</b>	<p>Small volumes of Pzp native protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.</p>
<b>Storage</b>	Aliquot and store at -20 deg C. Avoid repeated freeze/thaw cycles.

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**Warning** This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## GENE INFORMATION

<b>Gene Name</b>	PZP pregnancy-zone protein [ Homo sapiens ]
<b>Official Symbol</b>	PZP
<b>Synonyms</b>	CPAMD6; pregnancy zone protein; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 6
<b>Gene ID</b>	5858
<b>mRNA Refseq</b>	NM_002864
<b>Protein Refseq</b>	NP_002855
<b>MIM</b>	176420
<b>Chromosome Location</b>	12p13-p12.2
<b>Function</b>	endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity

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