Native Human Pzp

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

SPECIFICATION

Product Overview	alpha 2 Macroglobulin
Species	Human
Source	Human Plasma
Description	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.
Form	Lyophilized from 30mM Na3PO4, pH 7.0, with glycine as a stabilizer.
Purity	>95% pure by SDS PAGE
Notes	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.
Storage	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

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

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