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# PRAP1 Human

*Proline-Rich Acidic Protein 1 Human Recombinant*
*RCP1700*

## Product Overview

| | |
|---|---|
| Name | PRAP1 Human |
| **Description** | |
| Proline-Rich Acidic Protein 1 Human Recombinant | |
| Accession (Primary) | Q96NZ9 |
| **Synonyms** | |
| Proline-rich acidic protein 1, Epididymis tissue protein Li 178, Uterine-specific proline-rich acidic protein, PRAP1, UPA, PRO1195. | |
| **Introduction** | |
| Proline-rich acidic protein 1 (PRAP1) is essential for maintaining homeostasis in epithelial cells e.g. in liver or gastrointestinal tract. PRAP1 is abundantly expressed in the epithelial cells of the liver, kidney, gastrointestinal tract and cervix. PRAP1 is notably down-regulated in hepatocellular carcinoma and right colon adenocarcinoma compared with the respective adjacent normal tissues. | |
| **Source** | |
| Escherichia Coli. | |
| **Physical Appearance** | |
| Filtered White lyophilized (freeze-dried) powder. | |
| **Formulation** | |
| PRAP1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. | |
| **Stability** | |
| Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. | |
| **Purity** | |
| Greater than 85.0% as determined by SDS-PAGE. | |
| **Amino acid sequence** | |
| MKHHHHHHAS VPAPKVPIKM QVKHWPSEQD PEKAWGARVV EPPEKDDQLV VLFPVQKPKL LTTEEKPRGQ GRGPILPGTK AWMETEDTLG HVLSPEPDHD SLYHPPPEED QGEERPRLWV MPNHQVLLGP EEDQDHIYHP Q. | |
| **Solubility** | |

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It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. PRAP1 is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

**Precautions**

PRAP1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( Q96NZ9 )