

## Proline-Rich Acidic Protein 1 Human Recombinant

<b>Item Number</b>	rAP-3996
<b>Synonyms</b>	Proline-rich acidic protein 1, Epididymis tissue protein Li 178, Uterine-specific proline-rich acidic protein, PRAP1, UPA, PRO1195.
<b>Description</b>	PRAP1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain (a.a 21-151) containing 141 amino acids including a 10 a.a N-terminal His tag. The total molecular mass is 16.2kDa (calculated).
<b>Uniprot Accesion Number</b>	Q96NZ9
<b>Amino Acid Sequence</b>	MKHHHHHHASVPAPKVPIKM QVKHWPSEQD PEKAWGARVV EPPEKDDQLV VLFPVQKPKL LTTEEK-PRGQ GRGPILPGTK AWMETEDTLG HVLSPEPDHD SLYHPPPEED QGEERPRLWV MPNHQVLLGP EEDQDHIYHP Q.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. 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.
<b>Formulation and Purity</b>	PRAP1 filtered (0.4 µm) and lyophilized from 0.5mg/ml in 0.05M phosphate buffer and 0.075M NaCl, pH 7.4. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 200µl 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
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**