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Product datasheet for TP726974

Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Proline-Rich Acidic Protein 1/PRAP1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Val21-Gln151
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Proline-Rich Acidic Protein 1 is produced by our Mammalian expression system and the target gene encoding Val21-Gln151 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	Proline-Rich Acidic Protein 1; Epididymis Tissue Protein Li 178; Uterine-Specific Proline-Rich Acidic Protein; PRAP1; UPA
Summary:	Proline-rich acidic protein 1, also known as Uterine-specific proline-rich acidic protein, UPA and PRAP1, is a secreted protein. PRAP1 is abundantly expressed in the epithelial cells of the liver, kidney, gastrointestinal tract and cervix. PRAP1 is up-regulated by butyrate, trichostatin A and 5'-aza-2' deoxycytidine. PRAP1 may play an important role in maintaining normal growth homeostasis in epithelial cells. PRAP1 is suppressed through epigenetic mechanisms involving histone deacetylation and methylation. PRAP1 has been shown to cause cell growth inhibition in cancer cell lines.

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