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Datasheet for ABIN7318937 PRAP1 Protein (His tag)

Overview

Quantity:	50 µg
Target:	PRAP1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRAP1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human PRAP1 Protein (His Tag)
Sequence:	Val21-Gln151
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PRAP1
Alternative Name:	PRAP1 (PRAP1 Products)
Background:	Background: 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

Target Details

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.

Synonym: Proline-Rich Acidic Protein 1, Epididymis Tissue Protein Li 178, Uterine-Specific Proline-Rich Acidic Protein, PRAP1, UPA

Molecular Weight: 16.0 kDa

UniProt: [Q96NZ9](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.