Recombinant Protein Technical Manual

Recombinant Human PDAP1/PAP Protein (His Tag)

RPES1446

Product Data:

Product SKU: RPES1446

Size: 10µg

Species: Human

Expression host: E. coli

Uniprot: Q13442

Protein Information:

Molecular Mass: 22.8 kDa

AP Molecular Mass: 30 kDa

Tag: N-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

Shipping: This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at<-20°C.

Formulation: Supplied as a 0.2 µm filtered solution of 20mM Tris, 100mM NaCl, 0.1mM PMSF, 2mM DTT, pH 8.0.

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

Application:

Synonyms: 28 kDa Heat- and Acid-Stable Phosphoprotein; PDGF-Associated Protein; PAP; PDGFA-Associated Protein 1; PAP1; PDAP1; HASPP28

Immunogen Information:

Sequence: Met 1-Lys181

Background:

Human PAP, also known as 28 kDa heat- and acid-stable phosphoprotein, PDGF-associated protein, PDGFA-associated protein 1, PDAP1, HASPP28, is a protein which belongs to the PDAP1 family. The encoded protein in rodents has been shown to bind PDGFA with a low affinity. PDGF-Associated Protein (PAP) is a phosphoprotein that may enhance PDGFA-stimulated cell growth in fibroblasts, but inhibits the mitogenic effect of PDGFB. PDAP1 expression is induced by TNF-alpha, and cells overexpressing PDAP1 show significantly less apoptosis on exposure to TNF-alpha.