

Recombinant human PDAP1 protein

Catalog Number: ATGP0658

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-181aa

UniProt No.

Q13442

NCBI Accession No.

NP_055706

Alternative Names

PDGFA associated protein 1, HASPP28, PAP, PAP1, PDGFA associated protein 1

PRODUCT SPECIFICATION

Molecular Weight

21.6 kDa (189aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 100mM NaCl, 0.1mM PMSF

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

PDGFA associated protein 1, also known as PDAP1, enhances PDGFA-stimulated cell growth in fibroblasts, but inhibits the mitogenic effect of PDGFB. And its expression is induced by TNF-alpha, and cells overexpressing PDAP1 show significantly less apoptosis on exposure to TNF-alpha. Recombinant human PDAP1 protein, fused to His-tag at C-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MPKGGRKGGH KGRARQYTSP EEIDAQLQAE KQKAREEEEQ KEGGDGAAGD PKKEKKS LDS DESEDEEDDY

Recombinant human PDAP1 protein

Catalog Number: ATGP0658

QQKRKGVEGL IDIENPNRVA QTTKKVTQLD LDGPKELSRR EREEIEKQKA KERYMKMHLA GKTEQAKADL ARLAIIRKQR
EEAARKKEEE RKAKDDATLS GKRMQSLSLN K<LEHHHHHH>

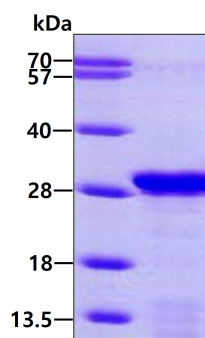
General References

Zahedi R.P., et al. (2008) J. Proteome Res. 7:526-534

Malka D., et al. (2000) Gastroenterology. 119(3):816-28.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.