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PDAP1 Human

Catalog #:PRPS-497

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Description:PDAP1 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 189 amino acids (1-181 a.a.) and having a molecular mass of 21.7 kDa. The PDAP1 is fused to an 8 amino acid His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Synonyms:PAP1, HASPP28.

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MPKGGRKGGH KGRARQYTSP EEIDAQLQAE KQKAREEEEQ KEGGDGAAGD PKKEKKSLDS DESEDEEDDY QQKRKGVEGL IDIENPNRVA QTTKKVTQLD LDGPKELSRR EREEIEKQKA KERYMKMHLA GKTEQAKADL ARLAIIRKQR EEAARKKEEE RKAKDDATLS GKRMQSLSLN KLEHHHHHH.

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
The PDAP1 solution (1mg/ml) contains 20mM Tris-HCl pH-8, 2mM DTT, 0.1M NaCl, 0.1mM PMSF & 20% glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
PDAP1, increases PDGFA-stimulated cell growth in fibroblasts, however 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.

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