
Product Data Sheet

Product Name: PDAP1 Human
 Cat. No.: GP24143
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	PAP1; HASPP28.		
Amino Acid Sequence	MPKGGGRKGGH KGRARQYTSP EEIDAQLQAE KQKAREEEEQ KEGGDGAAGD PKKEKSLDS DESEDEEDDY QQKRKGVEGL IDIENPNRVA QTTKKVTQLD LDGPKELSRR EREEIEKQKA KERYMKMHLA GKTEQAKADL ARLAIIRKQR EEAARKKEEE RKAKDDATLS GKRMQSLSLN KLEHHHHHH.		
Formulation	The PDAP1 solution (1mg/ml) contains 20mM Tris-HCl pH-8, 2mM DTT, 0.1M NaCl, 0.1mM PMSF & 20% glycerol.		

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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