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## Product Data Sheet

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Product Name: IPP-POZ Human  
 Cat. No.: GP23710  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Intracisternal A Particle-Promoted Polypeptide; Actin-binding protein IPP; MIPP protein; Kelch-like protein 27; IPP; KLHL27; IPP-POZ.		
Amino Acid Sequence	MANEDCPKAA DSPFSSDKHA QLILAQINKM RNGQHFCDVQ LQVGQESFKA HRLVLAASSPYFAALFTGGM KESSKDVPPI LGIEAGIFQI LLDFIYTGIV NIGVNNVQEL IIAADMLQLTEVVHLCCEFL KGQIDPLNCI GIFQFSEQIA CHDLLEF.		
Formulation	The protein (1mg/ml) containing 10mM HEPES (pH7.4) and 25mM NaCl.		

### Introduction

Intracisternal A particle-promoted polypeptide (IPP) is a 66kDa protein (584 amino acids), which contains an N-terminal POZ protein-protein interaction domain and a C-terminal kelch repeat domain consisting of six tandem arranged repeats. The POZ domain (also called BTB domain) is present near the N-terminus of a fraction of zinc finger proteins and in protein that contain the pfam01344 motif such as kelch and pox virus proteins. The BTB/POZ domain mediates homomeric dimerization and in some instances heteromeric dimerization. POZ domains from several zinc finger proteins have been shown to mediate transcriptional repression and to interact with components of histone deacetylase co-repressor complexes including N-coR and SMRT.

### 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

IPP-POZ Human Recombinant produced in E.Coli is a single, non-glycosylated

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

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polypeptide chain containing 157 amino acids & having a molecular mass of 17.3 kDa.

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