IPP

Recombinant Human Intracisternal A Particle-promoted Polypeptide (POZ domain (aa 1-157))

Catalog No.	CRI212A	**Quantity:**	10 µg
	CRI212B		50 µg
	CRI212C		1.0 mg

Alternate Names: Intracisternal A Particle-Promoted Polypeptide, Actin-binding protein IPP, MIPP protein, Kelch-like protein 27, IPP, KLHL27, IPP-POZ.

Description: 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.
IPP-POZ Human Recombinant produced in *E.Coli* is a single, non-glycosylated polypeptide chain containing 157 amino acids & having a molecular mass of 17.3 kDa.

Source: *E. coli*

Molecular Mass: 17.3 kDa

Formulation: The protein (1mg/ml) containing 10 mM HEPES (pH7.4) and 25 mM NaCl.

Purity: Greater than 95.0% as determined by
(a) Analysis by RP-HPLC.
(b) Analysis by SDS-PAGE.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence: MANEDCPKAA DSPFSSDKHA QLILAQINKM RNGQHFCDVQ LQVGQESFKA HRLVLAASSPYFAALFTGGM KESSKDVVPI LGIEAGIFQI LLDFIYTGIV NIGVNNVQEL IIAADMLQLTEVVHLCCEFL KGQIDPLNCI GIFQFSEQIA CHDLLEF.

Storage & 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.

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