

# Product information

## IPP-POZ domain, 1-157 aa

Human, Recombinant, *E.coli*

Cat. No. IBPOZ3002

**Full name:** Intracisternal A particle-promoted polypeptide isoform 1

**NCBI Accession No.:** NP\_005888

**Synonyms:** KLHL27 , Actin-binding protein IPP, MIPP protein

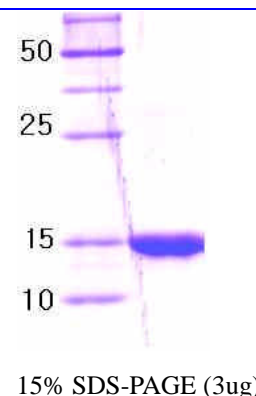
**Description:** Intracisternal A particle-promoted polypeptide(IPP) is a 66kDa protein(584 amino acids), which contains an N-terminal POZ protein-protein interaction domain and a C-termina kelch repeat domain consisting of six tandem arranged repeats. The POZ domain(also called BTB domain) is present 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 domain(1-157aa) was overexpressed in *E.coli* and purified by using conventional chromatography techniques.

**Form:** Liquid. In 10 mM HEPES (pH 7.4) containing 25 mM NaCl

**Molecular Weight:** 17.3 kDa (157 aa), confirmed by MALDI-TOF

**Purity:** > 95% by SDS - PAGE

**Concentration:** 1 mg/ml (determined by Bradford assay)



### Sequences of amino acids:

MANEDCPKAA DSPFSSDKHA QLILAQINKM RNGQHFCDVQ LQVGQESFKA HRLVLAASSP YFAALFTGGM KESSKDVVPI LGIEAGIFQI  
LLDFIYTGIV NIGVNNVQEL IIAADMLQLT EVVHLCCEFL KGQIDPLNCI GIFQFSEQIA CHDLLEF

### General references:

Kim IF., *et al.* (1999) *Gene* 228(1-2), 73-83.

Chang-Yeh, A., *et al.* (1993) *Genomics*. 15(1), 239-241.

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.