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IPP-POZ Human

IPP-POZ Human Recombinant
RCP1130

Product Overview

Name	IPP-POZ Human

Description

IPP-POZ Human Recombinant

Accession (Primary)	Q9Y573

Synonyms

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

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.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

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

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.

Purity

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

Amino acid sequence

MANEDCPKAA DSPFSSDKHA QLILAQINKM RNGQHFCDVQ LQVGQESFKA HRLVLAASSPYFAALFTGGM

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KESSKDVVPI LGIEAGIFQI LLDFIYTGIV NIGVNNVQEL IIAADMLQLTEVVHLCCEFL KGQIDPLNCI GIFQFSEQIA CHDLLEF.

Precautions

IPP-POZ Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y573)