IPP Protein, Human (Sf9, His, Strep)

Cat. No.:	HY-P701571
Synonyms:	IPP; Actin-binding protein IPP; Intracisternal A particle-promoted polypeptide; IPP; Kelch-like protein 27
Species:	Human
Source:	Sf9 insect cells
Accession:	Q9Y573 (A2-L584)
Gene ID:	3652
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 μm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	The IPP protein is implicated in potentially playing a role in organizing the actin cytoskeleton, indicating its involvement in the structural arrangement and dynamics of the cellular cytoskeletal network. Functionally, IPP is suggested to contribute to the organization of actin filaments, which are essential for various cellular processes, including cell morphology, motility, and intracellular signaling. The specific mechanisms by which IPP orchestrates actin cytoskeleton organization remain areas of interest, warranting further exploration to elucidate its functional significance and molecular interactions in the intricate regulation of cellular architecture and dynamics.

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