9051 Mira Mesa Blvd, #910094
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PAIP2 Human

Polyadenylate-Binding Protein-Interacting protein 2 Human Recombinant
RCP1583

Product Overview

Name	PAIP2 Human

Description

Polyadenylate-Binding Protein-Interacting protein 2 Human Recombinant

Accession (Primary)	Q9BPZ3

Synonyms

Poly(A) Binding Protein Interacting Protein 2, PABP- interacting protein 2, HSPC218, PAIP-2, PAIP2A, Polyadenylate-binding protein-interacting protein 2, PAIP2, MGC72018.

Introduction

PAIP2 has a role as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. PAIP2 inhibitory activity on translation is mediated through its action on PABPC1. PAIP2 displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. PAIP2 association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The PAIP2 protein solution contains 20mM Tris-HCl, pH-8, 1mM DTT & 10% Glycerol.

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 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MKDPSRSSTS PSIINEDVII NGHSHEDDNP FAEYMWMENE EEFNRQIEEE LWEEEFIERC FQEMLEEEEE HEWFIPARDL PQTMDQIQDQ FNDLVISDGS SLEDLVVKSN LNPNAKEFVP GVKYGNI.

Precautions

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PAIP2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BPZ3)