

PAIP2, 1-127 aa, Human, His-tag, E.coli

Cat.NO.: TP03286

3th Edition

Synonyms: Poly(A)-binding protein-interacting protein 2, PAIP2A, PABP- interacting protein 2, HSPC218

Description: PAIP2, also known as Poly(A)-binding protein-interacting protein 2, acts as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. Its inhibitory activity on translation is mediated via its action on PABPC1. It displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. Its association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.

Form: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT 10% glycerol

Molecular Weight: 17.1 kDa (147aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMKDPSRSSTSPSIINEDVIINGHSHEDDNPFAEYMWMENEEEFNRQIEEELWEEE
FIERCFQEMLEEEEEHEWFIPARDLPQTMDQIQDQFNDLVISDGSLEDLVVKSNLNPNNAKEFVPGVKYGNL

Purity: > 95% by HPLC

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

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

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.