

Recombinant Human PAIP2 protein ab89367

1 Image

Description

Product name	Recombinant Human PAIP2 protein
Purity	> 90 % SDS-PAGE. ab89367 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Specifications

Our **Abpromise guarantee** covers the use of **ab89367** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Liquid

Preparation and Storage

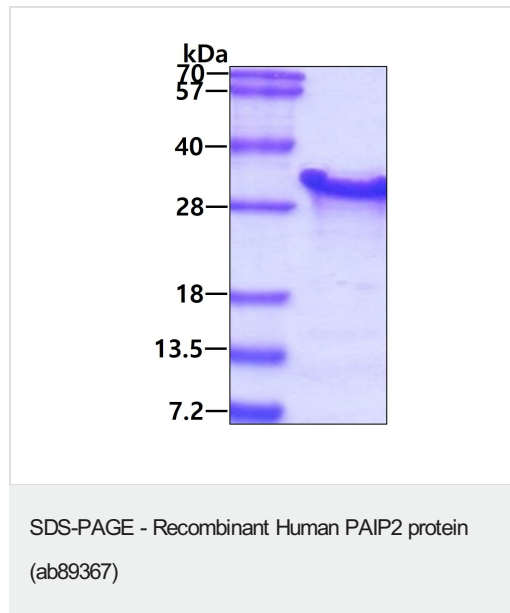
Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0154% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine)
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General Info

Function	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. 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.
Sequence similarities	Belongs to the PAIP2 family.

Domain	Only the PABPC1-interacting motif-1 (PAM1) interferes with the binding of PABPC1 to poly(A) RNA and translation initiation.
Cellular localization	Cytoplasm.

Images



SDS-PAGE analysis of Recombinant Human PAIP2 protein (ab89367), under reducing conditions. Proteins visualized by coomassie blue stain.

Lane 1: Molecular Weight Standards

Lane 2: 3 µg Recombinant Human PAIP2 protein

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