

Immunology

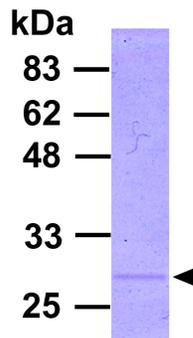
Human AID

Molecular Mass: 24 kDa

Catalog #	Size	Price
41	5 μ g	\$500

Description

AID is the activation-induced cytidine deaminase. This small protein is required for somatic hypermutation during immunoglobulin development. It has been speculated that AID may be involved in deamination of cytosine residues in immunoglobulin gene. Its precise biochemical activity in somatic hypermutation, however, remains unknown.



Purified human AID protein. The protein (200 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The arrowhead indicates the AID protein band whose identity was confirmed by Western blot analysis. Protein size markers are indicated on the left.