

Immunology

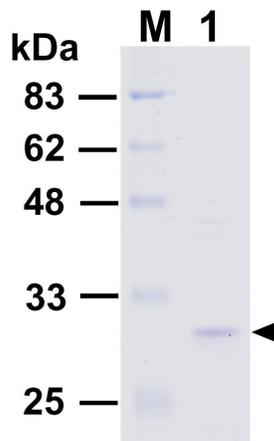
Mouse AID

Molecular Mass: 24 kDa

Catalog #	Size	Price
45	5 µg	\$500

Description

AID is the activation-induced cytidine deaminase. It is also named Aicda and Arp2. This small protein is required for somatic hypermutation during immunoglobulin development. AID is believed to be involved in deamination of cytosine residues in immunoglobulin genes, which leads to highly error-prone DNA synthesis in regions of deaminated DNA.



Purified mouse AID protein. The protein (330 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue (lane 1). The arrowhead indicates the AID protein band whose identity was confirmed by Western blot analysis. Protein size markers are indicated on the left (lane M).