

Enzymax, LLC

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Product Information

Product Name: hAIDco

Catalog #: 72

Size: 5 µg

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Product: Active hAIDco

Codon optimized hAID gene to enhance the expression in *E. coli*. Amino Acid sequence remains the same as original gene.

Amino Acid sequence:

MDSLMLNRRKFLYQFKNVRWAKGRRETYLCYV
VKRRDSATSFSLDFGYLRNKNKGHVLLFLRY
ISDWDLDPGRCYRVTWFTSWSPCYDCARHVAD
FLRGNPNLRLRIFTARLYFCEDRKAPEGLRR
LHRAGVQIAIMTFKDYFYCWNTFVENHERTFK
AWEGLHENSVRLSRQLRRILLPLYEVDDLDA
FRTLGL

Product Description:

AID is the activation-induced cytidine deaminase. This small protein is required for somatic hypermutation during immunoglobulin development. AID plays a major role in the deamination of cytosine residues in immunoglobulin gene. The protein is purified from *E. coli* and is biochemically active.

Source: Recombinant full length human AID protein expressed in *E. coli*.

Molecular Weight: 24 kDa

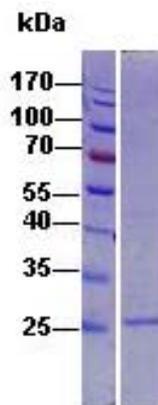
Presentation:

Purified hAIDco protein in 50 mM Tris-HCl (pH7.5), 800 mM NaCl, and 10% glycerol.

Storage:

Stable for 2 years at -70°C from date of shipment. Please aliquot to avoid repeated freezing and thawing.

SDS-PAGE Analysis:



Purified human AIDco protein.

The protein (100 ng) was analyzed by electrophoresis on a 15% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. Protein size markers are indicated on the left.