

Datasheet for ABIN1098741 **AICDA Protein (His tag)**



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1 Image

Overview

Quantity:	100 µg
Target:	AICDA
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AICDA protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purity: > 85 % by SDS - PAGE

Target Details

Target:	AICDA
Alternative Name:	AICDA (AICDA Products)
Background:	<p>AICDA, also known as AID, is involved in somatic hypermutation, gene conversion, and class-switch recombination in B-lymphocytes. This protein is required for several crucial steps of B-cell terminal differentiation necessary for efficient antibody responses. It may also play a role in the epigenetic regulation of gene expression by participating in DNA demethylation.</p> <p>Recombinant human AICDA protein, fused to His-tag at N-terminus, was expressed in E.coli.</p>
Molecular Weight:	26.1kDa (218aa)
NCBI Accession:	NP_065712

Target Details

Pathways: [Cellular Response to Molecule of Bacterial Origin](#), [Regulation of Actin Filament Polymerization](#), [Production of Molecular Mediator of Immune Response](#)

Application Details

Comment: Synonyms: Activation-induced cytidine deaminase, AID, ARP2, CDA2, HIGM2

Restrictions: For Research Use only

Handling

Format: Liquid

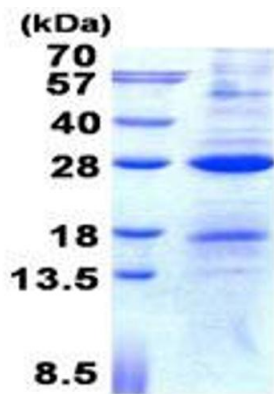
Concentration: 0.5 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4 M urea, 10% glycerol

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images



15% SDS-PAGE (3ug)

Image 1.