

Recombinant Human AICDA Protein, GST-tagged

Cat. No. AICDA-471H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AICDA full-length ORF (AAH06296, 1 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a RNA-editing deaminase that is a member of the cytidine deaminase family. The protein is involved in somatic hypermutation, gene conversion, and class-switch recombination of immunoglobulin genes. Defects in this gene are the cause of autosomal recessive hyper-IgM immunodeficiency syndrome type 2 (HIGM2). [provided by RefSeq, Feb 2009]
Molecular Mass	47.52 kDa
AA Sequence	MDSLLMNRRKFLYQFKNVRWAKGRRETYLCYVVKRRDSATSFSLDFGYLRNKNGC HVELLFLRYISDWDLDPGRCYRVTWFTSWSPCYDCARHVADFLRGPNLSLRIFTA RLYFCEDRKAPEPEGLRRLHRAGVQIAIMTFKDYFYCWNTFVENHERTFKAWEGLHE NSVRLSRQLRRILLPLYEVDDLRLDAFRTLGL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	AICDA activation-induced cytidine deaminase [Homo sapiens]
Official Symbol	AICDA
Synonyms	AICDA; activation-induced cytidine deaminase; AID; ARP2; CDA2; HIGM2; cytidine aminohydrolase; integrated into Burkitts lymphoma cell line Ramos;
Gene ID	57379
mRNA Refseq	NM_020661
Protein Refseq	NP_065712
MIM	605257
UniProt ID	Q9GZX7

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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