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AICDA, 1-198aa, Human, His tag, E.coli

产品货号: TP01091

第三版

别名: Activation-induced cytidine deaminase, AID, ARP2, CDA2, HIGM2

描述: 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. Recombinant human AICDA protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量: 26.1kDa (218aa)

序列:

MGSSHHHHHHSSGLVPRGSHMDSLLMNRKFLYQFKNVRWAKGRRETYLCYVVKRRDSATSFSLDFGYLRNKNKGCHVE  
LLFLRYISDWDLDPGRCYRVTWFTSWSPCYDCARHVADFLRGPNLSLRIFTARLYFCEDRKAEPGLRRLHRAGVQIAIM  
TFKDYFYCWNTFVENHERTFKAWEGHENSVRLSRQLRRILLPLYEVDDLRFRTLGL

纯度: > 95% by HPLC

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

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.