

Human AICDA Recombinant Protein



RPPB1367

Product Information Protein Information

Product SKU:

RPPB1367

Accession:

Q9GZX7

Host:

Escherichia Coli.

Protein description:

AICDA Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 218 amino acids (1-198) and having a molecular mass of 26.1kDa. AICDA is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Single-stranded DNA cytosine deaminase, Activation-induced cytidine deaminase, Cytidine aminohydrolase, AICDA, AID, ARP2, CDA2, HIGM2.

Formulation:

The AICDA solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MDSLLMNRK FLYQFKNVRW AKGRRETYLC YVVKRRDSAT SFSLDFGYLR
NKNCHVELL FLRYISDWDL DPGRCYRVTW FTSWSPCYDC ARHVADFLRG NPNSLRIFT ARLYFCEDRK
AEPEGLRRLH RAGVQIAIMT FKDYFYCWNT FVENHERTFKAWEGHNSV RLSRQLRRIL LPLYEVDLLR
DAFRTLGL.