Adenosine deaminase (Ada) Recombinant Protein | Ada recombinant protein

Recombinant Mouse Adenosine deaminase (Ada)

CATALOG #	HOST
AAA113896	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Adenosine deaminase (Ada); Recombinant Mouse Adenosine deaminase (Ada); Ada recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-352aa; Full Length of Mature Protein
Sequence	AQTPAFNKPK VELHVHLDGA IKPETILYFG KKRGIALPAD TVEELRNIIG MDKPLSLPGF LAKFDYYMPV IAGCREAIKR IAYEFVEMKA KEGVVYVEVR YSPHLLANSK VDPMPWNQTE GDVTPDDVVD LVNQGLQEGE QAFGIKVRSI LCCMRHQPSW SLEVLELCKK YNQKTVVAMD LAGDETIEGS SLFPGHVEAY EGAVKNGIHR TVHAGEVGSP EVVREAVDIL KTERVGHGYH TIEDEALYNR LLKENMHFEV CPWSSYLTGA WDPKTTHAVV RFKNDKANYS LNTDDPLIFK STLDTDYQMT KKDMGFTEEE FKRLNINAAK SSFLPEEEKK ELLERLYREY Q
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Ada recombinant protein	This gene encodes an enzyme that catalyzes the hydrolysis of adenosine to inosine. Various mutations have been described for this gene and have been linked to human diseases. Deficiency in this enzyme causes a form of severe combined immunodeficiency disease (SCID), in which there is dysfunction of both B and T lymphocytes with impaired cellular immunity and decreased production of immunoglobulins, whereas elevated levels of this enzyme have been associated with congenital hemolytic anemia.

NCBI AND UNIPROT INFORMATION

NCBI GI #	440309866
NCBI GeneID	11486
NCBI Accession #	NP_001258981.1
NCBI GenBank Nucleotide #	NM_001272052.1
UniProt Accession #	P03958
Molecular Weight	39,992 Da
NCBI Official Full Name	adenosine deaminase
NCBI Official Synonym Full Names	adenosine deaminase
NCBI Official Symbol	Ada
NCBI Protein Information	adenosine deaminase

UniProt Protein Name	Adenosine deaminase
UniProt Gene Name	**Ada**

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/ada-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113896