

AMP deaminase 1 (AMPD1) Recombinant Protein | AMPD1 recombinant protein

Recombinant Chicken AMP deaminase 1 (AMPD1)

CATALOG #
AAA113979

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

AMP deaminase 1 (AMPD1); Recombinant Chicken AMP deaminase 1 (AMPD1); Recombinant AMP deaminase 1 (AMPD1); AMP deaminase 1 EC= 3.5.4.6; AMP deaminase isoform M Myoadenylate deaminase; AMPD1 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	1-26aa; Full Length Protein
Sequence	MNQKHLLRFI KKS YRVDADR VVYDAK
Species	Gallus gallus (Chicken)
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.

ADDITIONAL INFORMATION

Related Product Information for AMPD1 recombinant protein	Adenosine monophosphate deaminase 1 catalyzes the deamination of AMP to IMP in skeletal muscle and plays an important role in the purine nucleotide cycle. Two other genes have been identified, AMPD2 and AMPD3, for the liver- and erythrocyte-specific isoforms, respectively. Deficiency of the muscle-specific enzyme is apparently a common cause of exercise-induced myopathy and probably the most common cause of metabolic myopathy in the human.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2829730
UniProt Accession #	P81073
Molecular Weight	3,195 Da
NCBI Official Full Name	AMP deaminase 1
UniProt Protein Name	AMP deaminase 1
UniProt Gene Name	AMPD1
UniProt Entry Name	AMPD1_CHICK

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.