

Recombinant Human AMPD2 Protein, His-tagged

Cat. No. AMPD2-143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMPD2 Protein (Glu651-Gln879) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu651-Gln879
Description	The protein encoded by this gene is important in purine metabolism by converting AMP to IMP. The encoded protein, which acts as a homotetramer, is one of three AMP deaminases found in mammals. Several transcript variants encoding different isoforms have been found for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.8 kDa Accurate Molecular Mass: 30 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

AMPD2 adenosine monophosphate deaminase 2 [Homo sapiens (human)]

Official Symbol

AMPD2

Synonyms

AMPD2; adenosine monophosphate deaminase 2; adenosine monophosphate deaminase 2 (isoform L); AMP deaminase 2; AMPD isoform L; AMPD

Gene ID

271

mRNA Refseq

NM_001257360

Protein Refseq

NP_001244289

MIM

102771

UniProt ID

Q01433

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