Recombinant Mouse Ampd3 Protein, His-tagged

Cat. No. Ampd3-146M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ampd3 Protein (Leu516-Lys766) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu516-Lys766
Description	This gene encodes a member of the adenosine and AMP deaminases family. The encoded protein is an AMP deaminase involved in nucleotide and energy metabolism in erythrocytes. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.5 kDa Accurate Molecular Mass: 30 kDa
Purity	> 90%
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 48h, and no obvious degradation and precipitation were observed. The loss rate is

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	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	Ampd3 adenosine monophosphate deaminase 3 [Mus musculus (house mouse)]
Official Symbol	Ampd3
Synonyms	AMPD3; adenosine monophosphate deaminase 3; AMP deaminase 3; AMP aminohydrolase; adenosine monophosphate deaminase (isoform E); erythrocyte AMP deaminase; erythrocyte type AMP deaminase; erythrocyte-specific AMP deaminase; myoadenylate deaminase; EC 3.5.4.6
Gene ID	11717
mRNA Refseq	NM_009667
Protein Refseq	NP_033797
UniProt ID	O08739

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