

Recombinant Rat Ampd1, His-tagged

Cat. No. Ampd1-3429R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	AMP deaminase 1 (Ampd1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	747
Description	catalyzes the conversion of AMP to IMP in energy metabolism .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Ampd1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol
Warning	This product is for research use only. Not for use in diagnostic or therapeutic

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procedures.

GENE INFORMATION

Gene Name	Ampd1 adenosine monophosphate deaminase 1 [Rattus norvegicus]
Official Symbol	Ampd1
Synonyms	AMPD1; adenosine monophosphate deaminase 1; AMP deaminase 1; Ampd; myoadenylate deaminase; adenosine monophosphate deaminase 1 (isoform M); Ampd01; RATAMPD01;
Gene ID	25028
mRNA Refseq	NM_138876
Protein Refseq	NP_620231
Pathway	Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of nucleotides, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabo
Function	AMP deaminase activity; hydrolase activity; metal ion binding; myosin heavy chain binding;

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