Recombinant Human AMPD1 protein, MYC/DDK-tagged

Cat. No. AMPD1-8877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	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 erythocyte-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. Alternatively spliced transcript variants encoding different isoforms have been identified in this gene.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	90 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -20 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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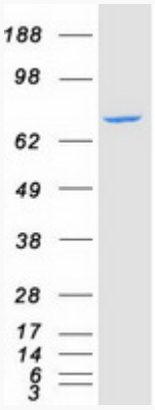
GENE INFORMATION

Gene Name	AMPD1 adenosine monophosphate deaminase 1 [Homo sapiens]
Official Symbol	AMPD1
Synonyms	MAD; MADA; MMDD; AMPD; AMP deaminase 1; AMPD isoform M; skeletal muscle AMPD
Gene ID	270
mRNA Refseq	NM_000036
Protein Refseq	NP_000027
UniProt ID	P23109
AMPD1-8877H, 1	 Purified recombinant protein AMPD1 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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