

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 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. 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.

 Tel: 1-631-559-9269 1-516-512-3133

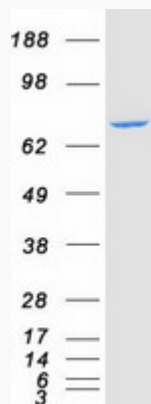
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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