

Recombinant Human AMPD2 protein, His-tagged

Cat. No. AMPD2-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMPD2 protein(448-798 aa), fused with N-terminal His tag, was expressed in E. coli.
ProteinLength	448-798 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.
AA Sequence	LEESKYQNAELRLSIYGRSRDEWDKLARWAVMHRVHSPNVRWLQVPRLFDVYRT KGQLANFQEMLENIFLPLFEATVHPASHPELHLFLEHVDGFDSVDDDESKPENHVFNL ESPLPEAWVEEDNPPYAYYLYYTFANMAMLNHLRRQRGFHTFVLRPHCGEAGPIHH LVSAFMLAENISHGLLLRKAPVLQYLYYLAQIGIAMSPLSNNSLFLSYHRNPLPEYLSR

 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

GLMVSLSTDDPLQFHFTKEPLMEEYSIATQVWKLSSCDMCELARNSVLMSGFSHKV
KSHWLGPNYTKEGPEGNDIRRTNVPDIRVGYRYETLCQELALITQAVQSEMLETIPE
EAGITMSPGPQ

GENE INFORMATION

Gene Name [AMPD2 adenosine monophosphate deaminase 2 \[Homo sapiens \]](#)

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](#)

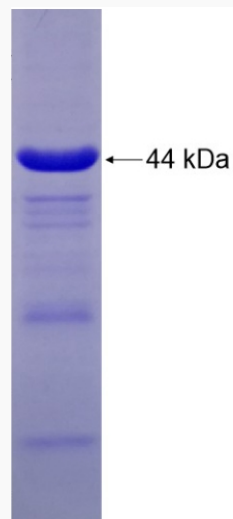
UniProt ID [Q01433](#)

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SDS-PAGE



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