

Recombinant Full Length Human AMPD2 Protein, GST-tagged

Cat. No. AMPD2-1028HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human AMPD2 full-length ORF (NP_631895.1, 1 a.a. - 798 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	798 amino acids
Description	The protein encoded by this gene is important in purine metabolism by converting AMP to IMP. The encoded protein, which acts as a homotetramer, is one of three AMP deaminases found in mammals. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]
Molecular Mass	118.5 kDa
AA Sequence	MASEARGGLG APPLQSARSL PGPAPCLKHF PLDLRTSMDG KCKEIAEELF TRSLAESELR SAPYEFPEES PIEQLEERRQ RLERQISQDV KLEPDILLRA KQDFLKTDS SDLQLYKEQG EGQGDRSLRE RDVLEREFQR VTISGEEKCG VPFTDLLDAA KSVVRALFIR EKYMALSLQS FCPTTRRYLQ QLAEKPLETR TYEQGPDTPV SADAPVHPPA LEQHPYEHCE PSTMPGDLGL GLRMVRGVVH VYTRREPDEH CSEVELPYPD LQEFVADVNV LMALIINGPI KSFCYRRLQY LSSKFQMHVL LNEMKELAAQ KKVPHRDFYN IRKVDTHIHA SSCMNQKHLL RFIKRAMKRH LEEIVHVEQG REQTLREVFE SMNLTAYDLS VDTLDVHADR NTFHRFDKFN AKYNPIGESV LREIFIKTDN RVSGKYFAHI IKEVMSDLEE

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SKYQNAELRL SIYGRSRDEW DKLARWAVMH RVHSPNVRWL VQVPRLFDVY
 RTKGQLANFQ EMLNIFLPL FEATVHPASH PELHLFLEHV DGFDSVDDDES
 KPENHVFNLE SPLPEAWVEE DNPPYAYYLY YTFANMAMLN HLRRQRGFHT
 FVLRPHCGEA GPIHHLVSAF MLAENISHGL LLRKAPVLQY LYYLAQIGIA
 MSPLSNNSLF LSYHRNPLPE YLSRGLMVSL STDDPLQFHF TKEPLMEEYS
 IATQVWLKSS CDMCELARNS VLMSGFSHKV KSHWLGPNYT KEGPEGNDIR
 RTNVPDIRVG YRYETLCQEL ALITQAVQSE MLETIPEEAG ITMSPGPQ

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID

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