

Product datasheet for TP302938

AMPD2 (NM_139156) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human adenosine monophosphate deaminase 2 (isoform L) (AMPD2), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202938 protein sequence Red=Cloning site Green=Tags(s)

MASEARGGLGAPPLQSARSLPGPAPCLKHFPLDLRTSMDGKCKEIAEELFTRSLAESELRSAPYEFPEES
PIEQLEERRQLERQISQDVKLEPDILLRAKQDFLKTSDSDQLYKEQGEGQGDRSLRERDVLEREFQR
VTISGEEKCGVPFTDLLDAAKSVVRALFIREKYMALSLQSFCTTRRYLQQLAEKPLETRTYEQGPDTPV
SADAPVHPPALEQHPYEHCEPSTMPGDLGLGLRMVRGVVHVYTRREPDEHCSEVELPYPDLQEFVADVNV
LMALIINGPIKSFCYRRLQYLSSKFQMHVLLNEMKELAAQKKVPHRDFYNIRKVDTHIHASSCMNQKHL
RFIKRAMKRHLEEIVHVEQGREQTLREVFESMNLTA YDLSVDTLDVHADRNTFHRFDKFNAYNPIGESV
LREIFIKTDNRVSGKYFAHIIKEVMSDLEESKYQNAELRLSIYGRSRDEWDKLARWAVMHRVHSPNVRWL
VQVPRFLFDVYRTKGQLANFQEMLENIFLPLFEATVHPASHPELHLFLEHVDGFSDVDDDESKPENHVFNLE
SPLPEAWVEEDNPPYAYLYYTFANMAMLNHLRRQRGFHTFVLRPHCGEAGPIHHLVSAFMLAENISHGL
LLRKAPVLQYLYLAQIGIAMSPLSNNSLFLSYHRNPLPEYLSRGLMVSLSTDDPLQFHFTKEPLMEEYS
IATQVWKLSSCDMCELARNSVLMMSGFVSHKVKSHWLGPNYTKEGPEGNDIRRTNVPDIRVGYRYETLCQEL
ALITQAVQSEMLETIPEEAGITMSPGPQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

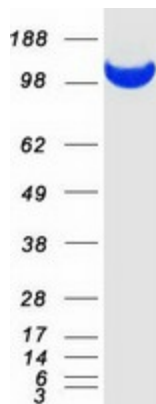
Tag:	C-Myc/DDK
Predicted MW:	91.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_631895
Locus ID:	271
UniProt ID:	Q01433 , Q01433-2
RefSeq Size:	3785
Cytogenetics:	1p13.3
RefSeq ORF:	2394
Synonyms:	PCH9; SPG63
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathways:	Metabolic pathways, Purine metabolism

Product images:



Coomassie blue staining of purified AMPD2 protein (Cat# TP302938). The protein was produced from HEK293T cells transfected with AMPD2 cDNA clone (Cat# [RC202938]) using MegaTran 2.0 (Cat# [TT210002]).