

## Product datasheet for **AR51695PU-N**

### AMP deaminase 2 / AMPD2 (236-879, His-tag) Human Protein

#### Product data:

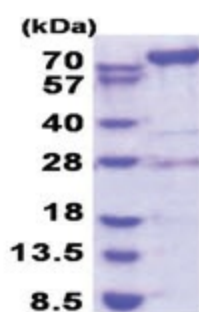
Product Type:	Recombinant Proteins
Description:	AMP deaminase 2 / AMPD2 (236-879, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSDLLDAAK SVVRALFIRE KYMALSLQSF CPTTRRYLQQ LAEKPLETRT YEQGPDPVVS ADAPVHPPAL EQHPYEHCEP STMPGDLGLG LRMVRGVVHV YTRREPDEHC SEVELPYPDL QEFVADVNVL MALIINGPIK SFCYRRLQYL SSKFQMHVLL NEMKELAAQK KVPHRDFYNI RKVDTHIHAS SCMNQKHLLR FIKRAMKRHL EEIVHVEQGR EQTLREVFES MNLTAYDLSV DTLDVHADRN TFHRFDKFNA KYNPIGESVL REIFIKTNR VSGKYFAHII KEVMSDLEES KYQNAELRLS IYGRSRDEWD KLARWAVMHR VHSPNVRWL VQVPRLFDVYR TKGQLANFQE MLENIFLPLF EATVHPASHP ELHLFLEHVD GFDSVDDSK PENHVFNLES PLPEAWVEED NPPYAYLYY TFANMAMLNH LRRQRGFHTF VLRPHCGEAG PIHHLVSAFM LAENISHGLL LRKAPVLQYL YYLAQIGIAM SPLSNNSLFL SYHRNPLPEY LSRGLMVLSL TDDPLQFHFT KEPLMEEYSI ATQVWKLSSC DMCELARNSV LMSGFSHKVK SHWLGPNYTK EGPEGNDIRR TNVDIRVGY RYETLCQELA LITQAVQSEM LETIPEEAGI TMSPGPQ
Tag:	His-tag
Predicted MW:	77.0 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human AMPD2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001244289</a>



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Locus ID:	271
UniProt ID:	<a href="#">Q01433</a> , <a href="#">B2RB47</a>
Cytogenetics:	1p13.3
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:



15% SDS-PAGE (3ug)