

## Product datasheet for **AR51695PU-S**

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

#### Product data:

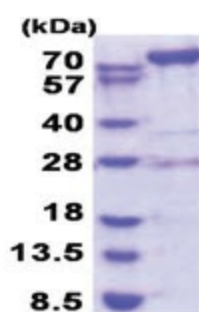
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	AMP deaminase 2 / AMPD2 (236-879, His-tag) human recombinant protein, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSDLLDAAK SVVRALFIRE KYMALSLQSF CPTTRRYLQQ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