

## Product datasheet for **AR39076PU-L**

### Aminoacylase-3 / ACY3 (1-319, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Aminoacylase-3 / ACY3 (1-319, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> <u>MGSMCSLPVP</u> REPLRRVAVT GGTHGNEMSG VYLARHWLHA PAELQRASFS AVPVLANPAA TSGCRRYVDH DLNRTFTSSF LNSRPTPDDP YEVTRARELN QLLGPKASGQ AFDFVLDLHN TTANMGTCCLI AKSSHEVFAM HLCRHLQLQY PELSCQVFLY QRSGEESYNL DSVAKNGLGL ELGPQPQGV L RADIFSRMRT LVATVLD FIE LFNQGTAFPA FEMEAYRPVG VVDFPRTEAG HLAGTVHPQL QDRDFQPLQP GAPIFQMFSG EDLLYEGEST VYPVFINEAA YYEKGVA FVQ TEKFTFTVPA MPALTPAPSP AS
Tag:	His-tag
Predicted MW:	37.6 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human ACY3 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_542389</u>
Locus ID:	91703
UniProt ID:	<u>Q96HD9</u> , <u>A0A024R5L2</u>
Cytogenetics:	11q13.2
Synonyms:	ACY-3; HCBP1


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**Summary:** Plays an important role in deacetylating mercapturic acids in kidney proximal tubules. Also acts on N-acetyl-aromatic amino acids (By similarity).[UniProtKB/Swiss-Prot Function]

**Protein Pathways:** Alanine, aspartate and glutamate metabolism, Histidine metabolism

**Product images:**

