

# Product datasheet for AR39076PU-N

## 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, 50 μg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMCSLPVP REPLRRVAVT GGTHGNEMSG VYLARHWLHA PAELQRASFS AVPVLANPAA TSGCRRYVDH DLNRTFTSSF LNSRPTPDDP YEVTRARELN QLLGPKASGQ AFDFVLDLHN TTANMGTCLI AKSSHEVFAM HLCRHLQLQY PELSCQVFLY QRSGEESYNL DSVAKNGLGL ELGPQPQGVL RADIFSRMRT LVATVLDFIE LFNQGTAFPA FEMEAYRPVG VVDFPRTEAG HLAGTVHPQL QDRDFQPLQP GAPIFQMFSG EDLLYEGEST VYPVFINEAA YYEKGVAFVQ 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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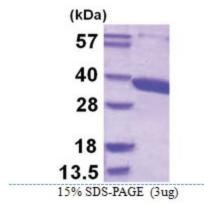
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#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

	Aminoacylase-3 / ACY3 (1-319, His-tag) Human Protein – AR39076PU-N
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 Pathwa	ys: Alanine, aspartate and glutamate metabolism, Histidine metabolism

#### **Product images:**



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