

## Recombinant Mouse Acy1 Protein, His-tagged

**Cat. No.** Acy1-7144M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Acy1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-408
<b>Description</b>	Involved in the hydrolysis of N-acylated or N-acetylated amino acids (except L-aspartate).
<b>Form</b>	Liquid
<b>Molecular Mass</b>	48.4 kDa
<b>AA Sequence</b>	<p>MGSSHHHHHSSGLVPRGSHMGSEFMTTKDPSEHPSVTLFRQYLRICTVQPNPD  YGGAITFLEERARQLGLSCQKIEVVPGFVITVLTWPGTNPSLPSILLNSHTDVVPVFK  HWHHDPFEAFKDSEGYYIARGSQDMKSVSIQYLEAVRRLKSEGHRFPRTIHMTFVP  DEEVGGHKGMELFVKRPEFQALRAGFALDEGLANPTDAFTVFYSERSPWWVRVTS  TGKPGHASRFIEDTAAEKLHKVISSILAFREKERQRLQANPHLKEGAVTSVNLTKLEG  GVAYNVVPATMSASFDFRVAPDMDKAFEKQLQRWCQEAGEGVTFFFAQKFTEPR  MTPTDDSDPWWAAFSGACKAMNLTLEPEIFPAATDSRYIRAVGIPALGFSPMNRTPV  LLHDHNERLHEDIFLRGVDIYTGLLSALASVPTLPGES</p>

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<b>Purity</b>	> 90 % by SDS-PAGE
<b>Stability</b>	Shelf life: one year from despatch.
<b>Storage</b>	Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing.
<b>Concentration</b>	0.25 mg/mL (determined by absorbance at 280nm)
<b>Storage Buffer</b>	In Phosphate buffered saline (pH7.4) containing 10 % glycerol.

## GENE INFORMATION

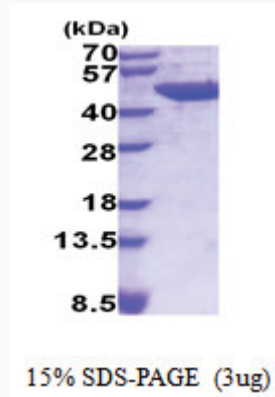
<b>Gene Name</b>	<a href="#">Acy1 aminoacylase 1 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Acy1</a>
<b>Synonyms</b>	Acy1; aminoacylase 1; Acy-; Acy-1; 1110014J22Rik; aminoacylase-1; N-acyl-L-amino-acid amidohydrolase; EC 3.5.1.14
<b>Gene ID</b>	<a href="#">109652</a>
<b>mRNA Refseq</b>	<a href="#">NM_001276442</a>
<b>Protein Refseq</b>	<a href="#">NP_001263371</a>
<b>UniProt ID</b>	<a href="#">Q99JW2</a>

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SDS-PAGE



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