

Recombinant Mouse Acy1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant mouse Acy1, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	1-408
Description	Involved in the hydrolysis of N-acylated or N-acetylated amino acids (except L-aspartate).
Form	Liquid
Molecular Mass	48.4 kDa
AA Sequence	MGSSHHHHHHSSGLVPRGSHMGSEFMTTKDPESEHPSVTLFRQYLRICTVQPNPD YGGAITFLEERARQLGLSCQKIEVVPGFVITVLTWPGTNPSLPSILLNSHTDVVPVFKE HWHHDPFEAFKDSEGYYIARGSQDMKSVSIQYLEAVRRLKSEGHRFPRTIHMFTVP DEEVGGHKGMEFLVKRPEFQALRAGFALDEGLANPTDAFTVFYSERSPWWVRVTS TGKPGHASRFIEDTAAEKLHKVISSILAFREKERQRLQANPHLKEGAVTSVNLTKLEG GVAYNVVPATMSASFDFRVAPDMDKAFEKQLQRWCQEAGEGVTFEFAQKFTEPR MTPTDDSDPWWAAFSGACKAMNLTLEPEIFPAATDSRYIRAVGIPALGFSPMNRTPV LLHDHNERLHEDIFLRGVDIYTGLLSALASVPTLPGES

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

GENE INFORMATION

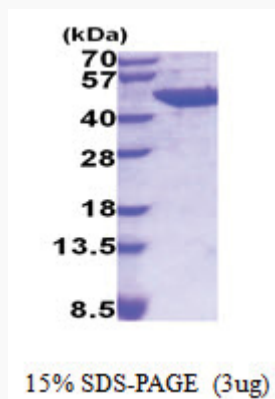
Gene Name	Acy1 aminoacylase 1 [Mus musculus (house mouse)]
Official Symbol	Acy1
Synonyms	Acy1; aminoacylase 1; Acy-; Acy-1; 1110014J22Rik; aminoacylase-1; N-acyl-L-amino-acid amidohydrolase; EC 3.5.1.14
Gene ID	109652
mRNA Refseq	NM_001276442
Protein Refseq	NP_001263371
UniProt ID	Q99JW2

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