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Acy1, 1-408aa, Mouse, His tag, E.coli

产品货号: TP01053

第三版

别名:Aminoacylase 1; ACY1D; ACYLASE.

**描述:**Acy1 also known as Aminoacylase1. The protein is a cytosolic, homodimeric, zinc-binding enzyme that catalyzes the hydrolysis of acylated L-amino acids to L-amino acids and acyl group, and has been postulated to function in the catabolism and salvage of acylated amino acids. ACY1 has been assigned to chromosome 3p21.1, a region reduced to homozygosity in small-cell lung cancer (SCLC), and its expression has been reported to be reduced or undetectable in SCLC cell lines and tumors. Recombinant mouse Acy1, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**配方:**Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol

**分子量:**48.4kDa (433aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHSSGLVPRGSHMGSEFMTTKDPESEHPSVTLFRQYLRICTVQPNPDYGGAITFLEERARQLGLSCQKIEVVP  
GFVITVLTWPGTNPSPILLSHTDVPVFKEHWHHPFEAFKDSEGYIYARGSQDMKSVSIQYLEAVRRLKSEGHRFPRT  
IHMTFVPDEEVGGHKGMELVKRPEFQALRAGFALDEGLANPTDAFTVFYSERSPWWVRVTSTGKPGHASRFIEDTAAEK  
LHKVISSILAFREKERQRLQANPHLKEGAVTSVNLTKLEGGVAYNVVPATMSASDFRVAPDMDKAFQKQLQRWCQEA  
GEGVTFEFAQKFTEPRMTPTDDSDPWAAAFSGACKAMNLTLEPEIFPAATDSRYIRAVGIPALGFSPMNRTPVLLHDHNE  
RLHEDIFLRGVDIYTGLLSALASVPTLPGES

**纯度:**> 95% by HPLC

**浓度:**0.25mg/ml (determined by Absorbance at 280nm)

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:**+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.