

## Recombinant Mouse Acy3 Protein, Myc/DDK-tagged

Cat. No. Acy3-1524M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length aspartoacylase (aminoacylase) 3 (Acy3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the aminoacylase family of enzymes. This enzyme specifically deacetylates N-acetyl aromatic amino acids and mercapturic acids. Action of this enzyme on metabolites of the environmental contaminant trichloroethylene leads to the generation of toxic products that may lead to kidney failure. This protein has been found to bind to the hepatitis C virus core protein. Alternative splicing results in multiple transcript variants.
<b>Molecular Mass</b>	35.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Acy3 aspartoacylase \(aminoacylase\) 3 \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Acy3](#)

**Synonyms** ACY3; aspartoacylase (aminoacylase) 3; aspartoacylase-2; acylase III; aminoacylase-3; aminoacylase III; hepatitis C virus core-binding protein 1; AA3; Acy-3; HCBP1; AW107362; 0610006H10Rik

**Gene ID** [71670](#)

**mRNA Refseq** [NM\\_027857](#)

**UniProt ID** [Q91XE4](#)

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