Recombinant Mouse Acy3 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length aspartoacylase (aminoacylase) 3 (Acy3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	35.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA