Recombinant Mouse Afmid Protein, Myc/DDK-tagged

Cat. No. Afmid-1549M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length arylformamidase (Afmid), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the hydrolysis of N-formyl-L-kynurenine to L-kynurenine, the second step in the kynurenine pathway of tryptophan degradation. Kynurenine may be further oxidized to nicotinic acid, NAD(H) and NADP(H). Required for elimination of toxic metabolites.
Molecular Mass	34.2 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Afmid arylformamidase [Mus musculus (house mouse)]
Official Symbol	Afmid
Synonyms	Afmid; arylformamidase; Kf; FKF; KFA; Ammd; form; formylase; 9030621K19Rik; kynurenine formamidase; KFase; N-formylkynurenine formamidase; formylkynureninase; probable arylformamidase; EC 3.5.1.9
Gene ID	71562
mRNA Refseq	NM_027827
Protein Refseq	NP_082103
UniProt ID	Q8K4H1

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