

Recombinant Mouse Kynu Protein, Myc/DDK-tagged

Cat. No. Kynu-3740M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kynureninase (L-kynurenine hydrolase) (cDNA clone MGC:30315 IMAGE:5136970), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the cleavage of L-kynurenine (L-Kyn) and L-3-hydroxykynurenine (L-3OHKyn) into anthranilic acid (AA) and 3-hydroxyanthranilic acid (3-OHAA), respectively. Has a preference for the L-3-hydroxy form. Also has cysteine-conjugate-beta-lyase activity.
Molecular Mass	36.4 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	Kynu kynureninase [Mus musculus (house mouse)]
Official Symbol	Kynu
Synonyms	Kynu; kynureninase; 4432411A05Rik; kynureninase; L-kynurenine hydrolase; EC 3.7.1.3
Gene ID	70789
mRNA Refseq	NM_027552
Protein Refseq	NP_081828
UniProt ID	Q9CXF0

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