

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	36.4 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
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	Kynu kynureninase [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Kynu
<b>Synonyms</b>	Kynu; kynureninase; 4432411A05Rik; kynureninase; L-kynurenine hydrolase; EC 3.7.1.3
<b>Gene ID</b>	70789
<b>mRNA Refseq</b>	NM_027552
<b>Protein Refseq</b>	NP_081828
<b>UniProt ID</b>	Q9CXF0

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