

Active Recombinant Mouse Kynu protein(Met1-Ser464), His-tagged

Cat. No. Kynu-1348M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse KYNU (Q9CXF0) (Met 1-Ser 464) was expressed in Insect Cells,with a C-terminal polyhistidine tag.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Ser464
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0.
Bio-activity	Measured by its ability to oxidize 3-hydroxykynurenine.The specific activity is > 100 pmoles/min/μg.
Molecular Mass	The recombinant mouse KYNU consists of 474 amino acids and has a calculated molecular mass of 53.7 kDa. It migrates as an approximately 47 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 94 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration Please refer to the hard copy of CoA.

GENE INFORMATION

Gene Name Kynu kynureninase (L-kynurenine hydrolase) [*Mus musculus*]

Official Symbol Kynu

Synonyms KYNU; kynureninase (L-kynurenine hydrolase); kynureninase; L-kynurenine hydrolase; 4432411A05Rik;

Gene ID 70789

mRNA Refseq NM_027552

Protein Refseq NP_081828

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