

Active Recombinant Human KYNU protein, His-tagged

Cat. No. KYNU-0271H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KYNU protein(Q16719)(Met1-Asn465), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Asn465
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 25% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to oxidize 3-hydroxykynurenine.The specific activity is > 200 pmoles/min/μg.
Molecular Mass	The recombinant human KYNU consists of 476 amino acids and predicts a molecular mass of 53.80 kDa. The apparent molecular mass of rhKYNU is approximately 47 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C.

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name KYNU kynureninase [Homo sapiens]

Official Symbol KYNU

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

Gene ID 8942

mRNA Refseq NM_001032998

Protein Refseq NP_001028170

MIM 605197

UniProt ID Q16719

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