

## Active Recombinant Human KYNU protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human KYNU protein(Q16719)(Met1-Asn465), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Asn465
<b>Form</b>	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.
<b>Bio-activity</b>	Measured by its ability to oxidize 3-hydroxykynurenine.The specific activity is > 200 pmoles/min/μg.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per μg of the protein as determined by the LAL method
<b>Purity</b>	> 92 % as determined by SDS-PAGE
<b>Storage</b>	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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