

Recombinant Human KYNU Protein, His-tagged

Cat. No. KYNU-1082H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KYNU Protein (Met1-Asn465) with His tag was expressed in 293F.
Species	Human
Source	HEK293
ProteinLength	Met1-Asn465
Description	Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 55.5 kDa; Accurate Molecular Mass: 56 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

KYNU kynureninase [Homo sapiens (human)]

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

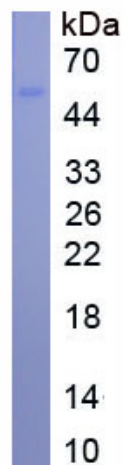
UniProt ID

Q16719

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