Active Recombinant Human KYNU Protein, His-tagged

Cat. No. KYNU-253H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KYNU Protein(Q16719) (Met 1- Asn 465) was expressed in Insect Cells with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-465 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 25% gly.
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 475 amino acids and predicts a molecular mass of 53.7 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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

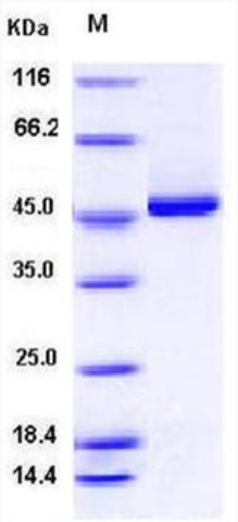
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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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SDS-PAGE	

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