

Active Recombinant Human KYNU Protein, His-tagged

Cat. No. KYNU-541H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KYNU (Accession # NP_003928) Met1-Asn465, fused with a C-terminal 10-His tag, was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	Met1-Asn465
Predicted N Terminal	Met1
Form	Supplied as a 0.2 µ filtered solution in MES and NaCl.
Bio-activity	Measured by its ability to oxidize 3-hydroxy kynurenine. The specific activity is >75 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human KYNU, His-tagged has a calculated MW of 54 kDa. In SDS-PAGE migrates as 51 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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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
Chromosome Location	2q22.2

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