

Recombinant Full Length Human KYNU Protein, GST-tagged

Cat. No. KYNU-5884HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KYNU full-length ORF (NP_001028170.1, 1 a.a. - 307 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	307 amino acids
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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Molecular Mass	61 kDa
AA Sequence	MEPSSLELPADTVQRIAAELKCHPTDERVALHLDEEDKLRHFRECFYIPKIQDLPPVD LSLVNKDENAIYFLGNSLGLQPKMVKTYLEEELDKWAKIAAYGHEVGKRPWITGDESI VGLMKDIVGANKEKEIALMNALTVNLHLLMLSFFKPTPKRYKILLEAKAFPSDHYAIESQ LQLHGLNIEESMRMIKPREGEETLRIEDILEVIEKEGDSIAVILFSGVHFYTGQHFNIPAI TKAGQAKGCYVGFDLAHAVGNVELYLHDWGVDFACWCSYKYLNAGAGGIAGAFIH EKHAHTIKPARSEFFN

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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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