

Product datasheet for **TP762412**

L Kynurenine Hydrolase (KYNU) (NM_003937) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human kynureninase (KYNU), transcript variant 1, full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of KYNU
Tag:	N-His
Predicted MW:	52.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_003928
Locus ID:	8942
UniProt ID:	Q16719
RefSeq Size:	1688
Cytogenetics:	2q22.2
RefSeq ORF:	1395
Synonyms:	KYNUU; VCRL2



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Summary:

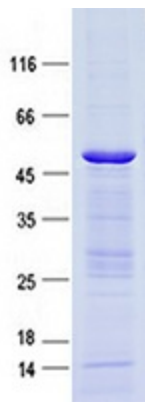
Kynureninase is a pyridoxal-5'-phosphate (pyridoxal-P) dependent enzyme that catalyzes the cleavage of L-kynurenine and L-3-hydroxykynurenine into anthranilic and 3-hydroxyanthranilic acids, respectively. Kynureninase is involved in the biosynthesis of NAD cofactors from tryptophan through the kynurenine pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2010]

Protein Families:

Protease

Protein Pathways:

Metabolic pathways, Tryptophan metabolism

Product images:

Purified recombinant protein KYNU was analyzed by SDS-PAGE gel and Coomassie Blue Staining.