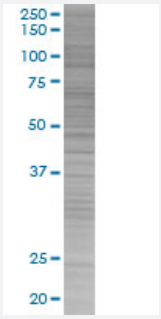
KYNU 293T Cell Transient Overexpression Lysate(Denatured)

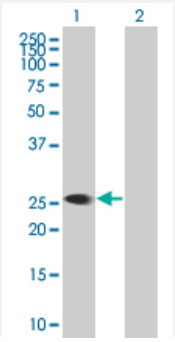
Catalog # H00008942-T01 Size 100 uL

Applications



SDS-PAGE Gel

KYNU transfected lysate.



Western Blot

Lane 1: KYNU transfected lysate (33.88 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KYNU full-length
Host	Human
Theoretical MW (kDa)	33.88
Interspecies Antigen Sequence	Mouse (84); Rat (86)

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Quality Control Testing	Transient overexpression cell lysate was tested with Anti-KYNU antibody (H00008942-B01) by Western Blots. SDS-PAGE Gel KYNU transfected lysate. Western Blot Lane 1: KYNU transfected lysate (33.88 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — KYNU

Entrez GeneID	8942
GeneBank Accession#	NM_001032998.1
Protein Accession#	-
Gene Name	KYNU
Gene Alias	-
Gene Description	kynureninase (L-kynurenine hydrolase)
Omim ID	236800 605197
Gene Ontology	Hyperlink
Gene 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. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	l-kynurenine hydrolase

Pathway

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- Metabolic pathways
- Tryptophan metabolism

Disease

- Hypertension
- Tobacco Use Disorder

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