

Datasheet for ABIN7320326

**KYNU Protein (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	KYNU
Origin:	Mouse
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This KYNU protein is labelled with His tag.

## Product Details

Purpose:	Recombinant Mouse KYNU/Kynureninase Protein (His Tag)(Active)
Sequence:	Met 1-Ser 464
Characteristics:	A DNA sequence encoding the mouse KYNU (Q9CXF0) (Met 1-Ser 464) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 94 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to oxidize 3-hydroxykynurenine. The specific activity is > 100 pmoles/min/µg.

## Target Details

Target:	KYNU
---------	------

## Target Details

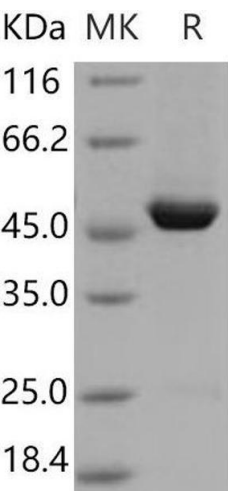
Alternative Name:	KYNU/Kynureninase ( <a href="#">KYNU Products</a> )
Background:	<p>Background: Genetic studies in mouse and human suggest that kynureninase activity may influence blood pressure and renal function. The gene coding kynureninase (KYNU) is also located on chromosome band 2q14-q23, where a linkage peak for essential hypertension was previously detected in the Chinese Han population. The results show that the rare KYNU variant Arg188Gln affects kynureninase activity and are consistent with the hypothesis that this mutation can predispose to essential hypertension.</p> <p>Synonym: 4432411A05Rik</p>
Molecular Weight:	53.7 kDa
UniProt:	<a href="#">Q9CXF0</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>



**Western Blotting**

**Image 1.**