

Human KYNU (His Tag) recombinant protein



Catalog Number: 504644

General Information

Protein Construction

The recombinant human KYNU consists of 475 amino acids and predicts a molecular mass of 53.7 kDa. The apparent molecular mass of rhKYNU is approximately 47 kDa in SDS-PAGE under reducing conditions.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Measured by its ability to oxidize 3-hydroxykynurenine.
The specific activity is > 200 pmoles/min/μg.

Purity

> 92 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant human KYNU consists of 475 amino acids and predicts a molecular mass of 53.7 kDa. The apparent molecular mass of rhKYNU is approximately 47 kDa in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 25% gly

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

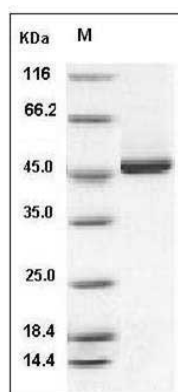
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human KYNU / Kynureninase Protein (His Tag)
SDS-PAGE