

Human NEIL1 (His Tag) recombinant protein



Catalog Number: 502507

General Information

Gene Name Synonym

DNA glycosylase/AP lyase Neil1; DNA-(apurinic or apyrimidinic site) lyase Neil1; Endonuclease VIII-like 1; FPG1; Nei homolog 1; Nei-like protein 1

Protein Construction

A DNA sequence encoding the human NEIL1 (AAH10876.1) (Met 1-Ser 390) was fused with a polyhistidine tag at the C-terminus and an initial Met at the N-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Purity

> 84 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Met 1

Molecular Mass

The recombinant human NEIL1 comprises 400 amino acids and migrates as an approximately 45 kDa band as predicted in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 8.0

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

Usage Guide

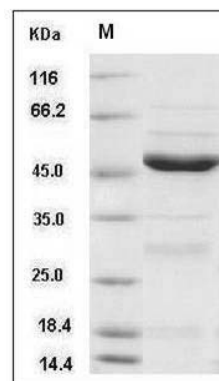
Storage

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 NEIL1 Protein (His Tag) SDS-PAGE