# Human NUDT2 (His Tag) recombinant protein

Catalog Number: 502357



## **General Information**

## **Gene Name Synonym**

Diadenosine 5',5'''-P1,P4-tetraphosphate asymmetrical hydrolase; Nucleoside diphosphatelinked moiety X motif 2

## **Protein Construction**

A DNA sequence encoding the human NUDT2 (P50583) (Met 1-Ala 147) was expressed, with a polyhistide tag at the N-terminus.

# **Organism**

Human

## **Expression Host**

E. coli

# QC Testing

# **Purity**

> 97 % 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  $^{\circ}\text{C}$ 

### Predicted N terminal

Met

#### **Molecular Mass**

The recombinant human NUDT2 consisting of 158 amino acids and has a calculated molecular mass of 18.3 kDa. It migrates as an 20 kDa band in SDS-PAGE under reducing conditions as predicted.

#### **Formulation**

Lyophilized from sterile PBS, pH 7.4

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

# **Usage Guide**

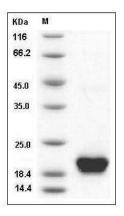
### **Storage**

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 NUDT2 / Ap4A hydrolase Protein (His Tag) SDS-PAGE