# **Human IDO2 (His Tag) recombinant protein**

Catalog Number: 500301



## **General Information**

## Gene Name Synonym

Indoleamine 2,3-dioxygenase-like protein 1; Indoleamine-pyrrole 2,3-dioxygenase-like protein 1

## **Protein Construction**

A DNA sequence encoding the mature form of human IDO2 (Q6ZQW0-1) (Met 1-Gly 407) was fused with a polyhistidine tag at the C-terminus.

## **Organism**

Human

# **Expression Host**

E. coli

# **QC Testing**

#### **Purity**

> 93 % 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 $^{\circ}$ C

## Predicted N terminal

Met 1

#### **Molecular Mass**

The recombinant human IDO2 comprises 413 amino acids and has a calculated molecular mass of 46.2 KDa. It migrates as an approximately 43 kDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile PBS, 20% glycerol, pH 7.5 1.5% trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

# **Usage Guide**

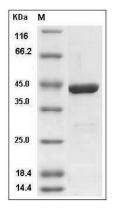
# **Storage**

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 IDO2 Protein (His Tag) SDS-PAGE