# Human Cytoglobin / CYGB (His Tag) recombinant protein

Catalog Number: 501279



#### **General Information**

#### Gene Name Synonym

Histoglobin; Stellate cell activation-associated protein

#### **Protein Construction**

A DNA sequence encoding the human CYGB (AAH29798.1) (Met1-Pro190) was expressed with a polyhistidine tag at the N-terminus.

#### **Organism**

Human

### **Expression Host**

E. coli

# **QC Testing**

#### **Purity**

> 90 % 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

His

#### **Molecular Mass**

The recombinant human CYGB consists of 205

amino acids and predicts a molecular mass of 23.2 KDa. It migrates as an approximately 26 KDa band in SDS-PAGE under reducing conditions.

#### **Formulation**

Lyophilized from sterile 20mM Tris, 100mM NaCl, 10% Glycerol, 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**

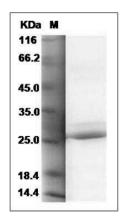
#### **Storage**

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 Cytoglobin / CYGB Protein (His Tag) SDS-PAGE