

**Recombinant Human Cytoglobin/CYGB Protein(C-6His)**

**Cat.NO.: TP05358**

3th Edition

**Synonyms:**Cytoglobin; Histoglobin; HGb; Stellate Cell Activation-Associated Protein; CYGB; STAP

**Description:**Cytoglobin is a ubiquitously globin protein that belongs to the globin family. The highest expressed in heart, stomach, bladder and small intestine. CYGB acts a protector under conditions of oxidative stress. CYGB may be involved in intracellular oxygen storage or transfer, modulates oxygen and nitric oxide metabolism or scavenging free radicals within a cell.

**Form:**PBS

**Molecular Weight:**22.4 kDa

**Sequences:**Met 1-Pro190

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.