

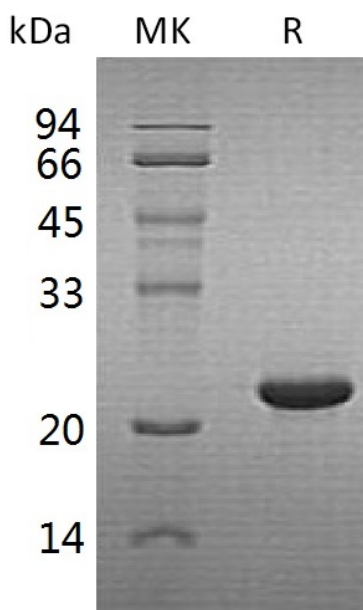
**Product Name: Recombinant Human CYGB (C-6His)**  
**Catalog #: PEH0509**



## Summary

<b>Name</b>	Cytoglobin/Histoglobin/HGb
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Cytoglobin is produced by our E.coli expression system and the target gene encoding Met1-Pro190 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q8WWM9
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	22.44 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 8.0.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image



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### **Alternative Names**

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

### **Background**

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.

### **Note**

For Research Use Only , Not for Diagnostic Use.