

32-7106: Recombinant Human Cytoglobin/CYGB (C-6His)

Gene : CYGB
Gene ID : 114757
Uniprot ID : Q8WWM9

Description

Source: E.coli.
MW :22.44kD.

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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 10% Glycerol, pH 8.0 .
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : MEKVPGEMEIERRERSEELSEAERKAVQAMWARLYASCEDVGVAILVRFFVNFPSAKQYFSQFKHMEDPLEME
RSPQLRKHACRVMGALNTVVENLHDPDKVSSVLALVKGAKALKHKVEPVYFKILSGVILEVVAEEFASDFPET
QRAWAKLRGLIYSHVTAAYKEVGWVQVQPNATTPPATLPSSGPLEHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.