



Recombinant Human CYGB Protein Product Manual

1. Product Basic Information

Product No.: REP06612

Protein Name: Pseudoperoxidase Cygb (CYGB)

Aliases: HGB; NOD; STAP; cytoglobin; histoglobin; pseudoperoxidase CYGB; nitrite reductase CYGB; superoxide dismutase CYGB; nitric oxygen dioxygenase CYGB; stellate cell activation-associated protein

UniProt ID: Q8WWM9

UniProt Link: <https://www.uniprot.org/uniprotkb/Q8WWM9/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-190aa)

Molecular Weight: 37.4kDa

Protein Tag: N-terminal 6xHis-SUMO-tagged

2. Amino Acid Sequence (1-190aa)

MEKVPGE MEIERRERSEELSEAERKAVQAMWARLYANCEDVGVAILVRFFVNFP
SAKQYFSQFKH MEDPLEMERSPQLRKHACRVMGALNTVVENLHDPDKVSSVLALVGK
AHALKHKVPEPVYFKILSGVILEVVAEEFASDFPPETQRAWAKLRGLIYSHVTAAYKEV
GWVQQVPNATTPPATLPSSGP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human CYGB full length protein (1-190aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. CYGB, also known as HGB or NOD or STAP, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.