

Cytoglobin Human Recombinant

Item Number	rAP-4475
Synonyms	HGB, STAP, Cytoglobin, CYGB.
Description	CYGB Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 210 amino acids (1-190 a.a.) and having a molecular mass of 23.5kDa. The CYGB is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8WWM9
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MEKVPGEMEI ERRERSEELS EAERKAVQAM WARLYASCED VGVAILVRFF VNFPSAKQYF SQFKHMEDPL EMERSPQLRK HACRVMGALN TVVENLHDPD KVSSVLALVG KAHALKHKVE PVYFKILSGV ILEVVAEEFA SDFPPETQRA WAKLRGLIYS HVTAAYKEVG WVQQVPNATT PPATLPSSGP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	CYGB protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**