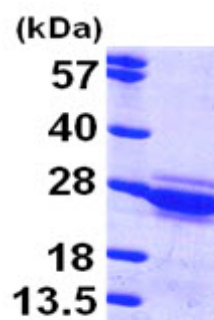


AR09529PU-N

Human Cytoglobin (1-190, His-tag) - Purified

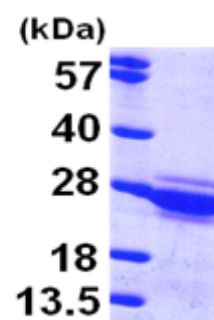
Alternate names:	CYGB, HGb, Histoglobin, STAP, Stellate cell activation-associated protein
Quantity:	50 µg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	CYGB is a globin molecule located in the brain and most notably utilized in marine mammals. It is thought to be a method of protection under conditions of hypoxia. The predicted function of cytoglobin is the modulation of oxygen and nitric oxide metabolism or scavenging free radicals within a cell.
Uniprot ID:	Q8WWM9
NCBI:	NP_599030
GeneID:	114757
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol
Description:	Recombinant human CYGB, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SSGLVPRGSH MEKVPGEMEI ERRERSEELS EAERKAVQAM WARLYASCED VGVAILVRFF VNFPSAKQYF SQFKHMEPL EMERSQLRK HACRVMGALN TVVENLHDPD KVSSVLALVG KAHALKHKVE PVYFKILSGV ILEVVAEEFA SDFPPETQRA WAKLRGLIYS HVTAAYKEVG WVQQVPNATT PPATLPSSGP Molecular weight: 23.5 kDa (210aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Hankeln T., et al. (2002) Mol Biol Evol. 19(4):416-21. Gazdar AF., et al. (2008) Cancer Res. 68(18):7448-56.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human CYGB, 1-190aa, His-tagged



15% SDS-PAGE (3ug)