

Recombinant Human CYGB protein, His-tagged

Cat. No. CYGB-371H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CYGB protein(AAH29798.1)(Met1-Pro190), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Pro190
Form	Lyophilized from sterile 20mM Tris, 100mM NaCl, 10% Glycerol, pH 8.0.Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The recombinant human CYGB consists of 205 amino acids and predicts a molecular mass of 23.2 KDa. It migrates as an approximately 26 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	CYGB cytoglobin [Homo sapiens]
Official Symbol	CYGB
Synonyms	CYGB; cytoglobin; HGB; histoglobin; STAP; stellate cell activation associated protein; stellate cell activation-associated protein;
Gene ID	114757
mRNA Refseq	NM_134268
Protein Refseq	NP_599030
MIM	608759
UniProt ID	Q8WWM9

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