

## Product datasheet for **TP720611M**

### Cytoglobin (CYGB) (NM\_134268) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cytoglobin (CYGB)
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Met1-Pro190
Tag:	C-His
Predicted MW:	22.44 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_599030</a>
Locus ID:	114757
UniProt ID:	<a href="#">Q8WWM9</a> , <a href="#">A0A1K0FUB6</a>
RefSeq Size:	2166
Cytogenetics:	17q25.1
RefSeq ORF:	570
Synonyms:	HGB; STAP
Summary:	This gene encodes a globin protein found in vertebrate cells. The encoded protein is described as a hexacoordinate hemoglobin which binds ligand differently from the pentacoordinate hemoglobins involved in oxygen transport, and may be involved in protection during oxidative stress. This gene is located on chromosome 17 in the same region as a retinal gene which is mutated in progressive rod-cone degeneration, but in the opposite orientation. [provided by RefSeq, Jan 2012]



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