Recombinant Human HBB Mutant (T87Q) Protein, Myc/DDK-tagged

Cat. No. HBB-059H **Lot. No.** (See product label)

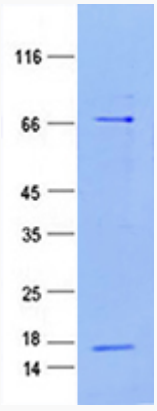
SPECIFICATION

Product Overview	Purified mutant recombinant protein of Human hemoglobin, beta (HBB), mutation at(T87Q) with a Myc/DDK tag was expressed in HEK293
Species	Human
Source	HEK293
Description	The alpha (HBA) and beta (HBB) loci determine the structure of the 2 types of polypeptide chains in adult hemoglobin, Hb A. The normal adult hemoglobin tetramer consists of two alpha chains and two beta chains. Mutant beta globin causes sickle cell anemia. Absence of beta chain causes beta-zero-thalassemia. Reduced amounts of detectable beta globin causes beta-plus-thalassemia. The order of the genes in the beta-globin cluster is 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'.
Molecular Mass	15.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	> 50 μg/mL as determined by microplate Bradford method

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Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	HBB hemoglobin subunit beta [Homo sapiens (human)]
Official Symbol	HBB
Synonyms	HBB; hemoglobin subunit beta; ECYT6; CD113t-C; beta-globin; hemoglobin subunit beta; beta globin chain; hemoglobin beta subunit; hemoglobin, beta
Gene ID	3043
mRNA Refseq	NM_000518
Protein Refseq	NP_000509
MIM	141900
UniProt ID	P68871
SDS-PAGE	

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Purified recombinant protein HBB (T87Q) was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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