

Recombinant Human HBE1 Protein, His&GST-tagged

Cat. No. HBE1-1618H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HBE1 Protein (Val2-His147) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val2-His147
Description	The epsilon globin gene (HBE) is normally expressed in the embryonic yolk sac: two epsilon chains together with two zeta chains (an alpha-like globin) constitute the embryonic hemoglobin Hb Gower I; two epsilon chains together with two alpha chains form the embryonic Hb Gower II. Both of these embryonic hemoglobins are normally supplanted by fetal, and later, adult hemoglobin. The five beta-like globin genes are found within a 45 kb cluster on chromosome 11 in the following order: 5'-epsilon - G-gamma - A-gamma - delta - beta-3'
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.1 kDa Accurate Molecular Mass: 46 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	HBE1 hemoglobin subunit epsilon 1 [Homo sapiens (human)]
Official Symbol	HBE1
Synonyms	HBE1; hemoglobin subunit epsilon 1; HBE; hemoglobin subunit epsilon; epsilon globin; hemoglobin epsilon chain; hemoglobin, epsilon 1
Gene ID	3046
mRNA Refseq	NM_005330
Protein Refseq	NP_005321
MIM	142100
UniProt ID	P02100

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