

Recombinant Human HBE1 Protein, GST-tagged

Cat. No. HBE1-4598H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HBE1 full-length ORF (AAH15537, 1 a.a. - 147 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 [provided by RefSeq]
Molecular Mass	41.69 kDa
AA Sequence	MVHFTAEEKAAVTSLSKMNVEEAGGEALGRLLVVYPWTQRFFDSFGNLSSPSAIL GNPKVKAHGKKVLTSGDAIKNMDNLKPAFAKLSELHCDKLHVDPENFKLLGNVMVII LATHFGKEFTPEVQAAWQKLVSVAIALAHKYH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

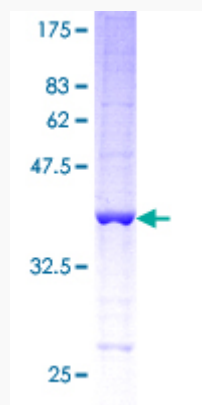
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE 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

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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