

Product datasheet for TP302247L

OriGene Technologies, Inc.

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Hemoglobin subunit epsilon (HBE1) (NM_005330) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human hemoglobin, epsilon 1 (HBE1), 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC202247 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MVHFTAEEKAAVTSLWSKMNVEEAGGEALGRLLVVYPWTQRFFDSFGNLSSPSAILGNPKVKAHGKKVLT SFGDAIKNMDNLKPAFAKLSELHCDKLHVDPENFKLLGNVMVIILATHFGKEFTPEVQAAWQKLVSAVAI

ALAHKYH

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK

Predicted MW: 16 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 005321

Locus ID: 3046

UniProt ID: <u>P02100</u>, <u>D9YZU7</u>

RefSeq Size: 816





Cytogenetics: 11p15.4

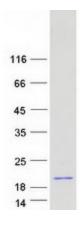
RefSeq ORF: 441 Synonyms: HBE

Summary: 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, Jul 2008]

Product images:



Coomassie blue staining of purified HBE1 protein (Cat# [TP302247]). The protein was produced from HEK293T cells transfected with HBE1 cDNA clone (Cat# [RC202247]) using MegaTran 2.0 (Cat# [TT210002]).