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HBE1 Blocking Peptide(Center)

Synthetic peptide
Catalog # BP19854c

Specification

HBE1 Blocking Peptide(Center) - Product Information

Primary Accession	P02100
Other Accession	P02103, NP_005321.1

HBE1 Blocking Peptide(Center) - Additional Information

Gene ID 3046

Other Names
Hemoglobin subunit epsilon, Epsilon-globin, Hemoglobin epsilon chain, HBE1, HBE

Target/Specificity
The synthetic peptide sequence is selected from aa 70-83 of HUMAN HBE1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

HBE1 Blocking Peptide(Center) - Protein Information

Name HBE1

Synonyms HBE

Function
The epsilon chain is a beta-type chain of early mammalian embryonic hemoglobin.

Tissue Location
Red blood cells.

HBE1 Blocking Peptide(Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

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HBE1 Blocking Peptide(Center) - Images

HBE1 Blocking Peptide(Center) - Background

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'

HBE1 Blocking Peptide(Center) - References

Nuinoon, M., et al. Hum. Genet. (2009) In press :
Tachavanich, K., et al. Southeast Asian J. Trop. Med. Public Health 40(2):306-316(2009)
Naka, I., et al. Biochem. Genet. 46 (11-12), 708-711 (2008) :
Winichagoon, P., et al. Transl Res 152(4):178-184(2008)
Das, B., et al. Ann. Hum. Biol. 35(4):422-431(2008)