

Recombinant human HHEX protein

Catalog Number: ATGP2239

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-270aa

UniProt No.

Q03014

NCBI Accession No.

NP_002720

Alternative Names

Hematopoietically-expressed homeobox protein HHEX, HEX, HMPH, HOX11L-PEN, PRH, PRHX

PRODUCT SPECIFICATION

Molecular Weight

32.4 kDa (293aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 40% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

HHEX is a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation. HHEX has been shown to interact with Promyelocytic leukemia protein. Recombinant human HHEX protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

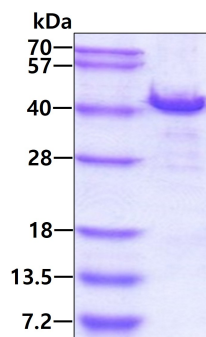
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 LESLDSSCDQ RQDLPSEQNK GASLDSSQCS PSPASQEDLE SEISEDSDQE VDIEGDKSYF NAG

General References

Topcu Z, Mack DL, et al. (1999). Oncogene. 18(50):7091-100.
 Minami T, Murakami T, et al. (2004). J Biol Chem. 279(20):20626-35.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.