

HHEX, 1-270aa, Human, His tag, E.coli

Cat.NO.: TP02447

3th Edition

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

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.

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

Molecular Weight:32 kDa (293aa), confirmed by MALDI-TOF (Molecular size on SDS-PAGE will appear higher)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMQYHPGPAAGAVGVPLYAPTPLLQPAHPTPFYIEDILGRGPAAPTTPAPTLP
SPNSSFTSLVSPYRTPVYEPTPIHPAFSHHSAALAAAYGPGGFGGPLYPFPRTVNDYTHALLRHDPLGKPLLWSP
FLQRPLHKRKGQVRFSDNDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLLKQENPQS
NKKEELES LDSSCDQRQDLPSEQNKGASLDSSQCSPSPASQEDLESEISEDSDQEVDIEGDKSYFNAG

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.