

Product datasheet for TP304815L

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Hex (HHEX) (NM_002729) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human hematopoietically expressed homeobox (HHEX), 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC204815 representing NM_002729 or AA Sequence: Red=Cloning site Green=Tags(s)

MQYPHPGPAAGAVGVPLYAPTPLLQPAHPTPFYIEDILGRGPAAPTPAPTLPSPNSSFTSLVSPYRTPVY EPTPIHPAFSHHSAAALAAAYGPGGFGGPLYPFPRTVNDYTHALLRHDPLGKPLLWSPFLQRPLHKRKGG QVRFSNDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLKQENPQSNKKEELES

LDSSCDQRQDLPSEQNKGASLDSSQCSPSPASQEDLESEISEDSDQEVDIEGDKSYFNAG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 29.8 kDa

Concentration: $>0.05 \mu g/\mu L$ 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 002720

Locus ID: 3087

UniProt ID: Q03014





RefSeq Size: 1772

Cytogenetics: 10q23.33

RefSeq ORF: 810

Synonyms: HEX; HMPH; HOX11L-PEN; PRH; PRHX

This gene encodes a member of the homeobox family of transcription factors, many of which **Summary:**

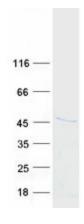
> are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation. [provided by

RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: Maturity onset diabetes of the young

Product images:



Coomassie blue staining of purified HHEX protein (Cat# [TP304815]). The protein was produced from HEK293T cells transfected with HHEX cDNA clone (Cat# [RC204815]) using MegaTran 2.0

(Cat# [TT210002]).