

## Product datasheet for **TP304815L**

### 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 or AA Sequence:** >RC204815 representing NM\_002729

**Red**=Cloning site **Green**=Tags(s)

MQYPHPGPAAGAVGVPLYAPTLLQPAHPTPFYIEDILGRGPAAPTAPATLPSNSSFTSLVSPYRTPVY  
EPTPIHPAFSHHSAALAAAYGPGGFGPLYFPRTVNDYTHALLRHDPGKPLLWSPFLQRPLHKKRGG  
QVRFSDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLKQENPQSNKKEELES  
LDSSCDQRQDLPSEQNKGASLDSSQCSPSPASQEDLESEISEDSDQEVDIEGDKSYFNAG

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 29.8 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\\_002720](#)

**Locus ID:** 3087

**UniProt ID:** [Q03014](#)



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RefSeq Size: 1772

Cytogenetics: 10q23.33

RefSeq ORF: 810

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

**Summary:** This gene encodes 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. [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]).