

Product datasheet for **TP304815**

Hex (HHEX) (NM_002729) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hematopoietically expressed homeobox (HHEX), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204815 representing NM_002729 Red =Cloning site Green =Tags(s)
	<p>MQYPHPGPAAGAVGVPLYAPTPLLQPAHPTPFYIEDILGRGPAAPTAPATLPSPNSSFTSLVSPYRTPVY EPTPIHPAFSHHSAAAALAAAYGPGGFGGPLYFPFRTVNDYTHALLRHDPLGKPLLWSPFLQRPLHKRKG QVRFNSNDQTIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLLKQENPQSNKKEELES LDSSCDQRQDLPSEQNKGASLDSSQCSPSPASQEDLESEISEDSDQEVDIEGDKSYFNAG</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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:	<u>NP_002720</u>
Locus ID:	3087
UniProt ID:	<u>Q03014</u>



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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]).