

Product datasheet for PH304815

Hex (HHEX) (NM_002729) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HHEX MS Standard C13 and N15-labeled recombinant protein (NP_002720)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204815
Predicted MW:	29.8 kDa
Protein Sequence:	>RC204815 representing NM_002729 Red=Cloning site Green=Tags(s) MQYPHPGPAAGAVGVPLYAPTPLLQPAHPTPFYIEDILGRGPAAPTPAPTLPSNSSFTSLVSPYRTPVY EPTPIHPAFSHSAAALAAAYGPGGFGGPLYPFPRTVNDYTHALLRHDPLGKPLLWSPFLQRPLHKRKGK QVRFSDNQTIIELEKKFETQKYLSPPERKRLAKMLQLSERQVKTWFQNRRAKWRRLKQENPQSNKKEELES LDSSCDQRQDLPSEQNKGASLDSSQCSPSPASQEDLESEISESDSQEVDIEGDKSYFNAG TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002720</u>
RefSeq Size:	1772
RefSeq ORF:	810
Synonyms:	HEX; HMPH; HOX11L-PEN; PRH; PRHX
Locus ID:	3087
UniProt ID:	<u>Q03014</u>



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Cytogenetics: 10q23.33

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]).