

Product datasheet for PH310107

HESX1 (NM_003865) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HESX1 MS Standard C13 and N15-labeled recombinant protein (NP_003856)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210107
Predicted MW:	21.4 kDa
Protein Sequence:	>RC210107 protein sequence Red=Cloning site Green=Tags(s) MSPSLQEGAQLGENKPSTCSFSIERILGLDQKKDCVPLMKPHRPWADTCSSSGKDGNLCLHVPNPPSGIS FPSVVDHPMPEERASKYENYFSASERLSLKRELSWYRGRPRPTAFTQNQIEVLENVFRVNCYPGIDIRE LAQKLNLEEDRIQIWFQNRRAKLRSHRESQFLMAKKNFNTNLL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	NP_003856
RefSeq Size:	1182
RefSeq ORF:	555
Synonyms:	ANF; CPHD5; RPX
Locus ID:	8820
UniProt ID:	Q9UBX0 , A1LQR0



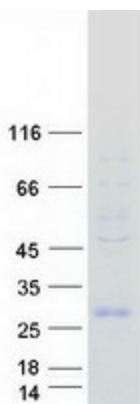
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Cytogenetics: 3p14.3

Summary: This gene encodes a conserved homeobox protein that is a transcriptional repressor in the developing forebrain and pituitary gland. Mutations in this gene are associated with septo-optic dysplasia, HESX1-related growth hormone deficiency, and combined pituitary hormone deficiency. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified HESX1 protein (Cat# [TP310107]). The protein was produced from HEK293T cells transfected with HESX1 cDNA clone (Cat# [RC210107]) using MegaTran 2.0 (Cat# [TT210002]).