

## Product datasheet for **TP310107M**

### **HESX1 (NM\_003865) Human Recombinant Protein**

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human HESX homeobox 1 (HESX1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210107 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSPSLQEGAQLGENKPSTCSFSIERILGLDQKKDCVPLMKPHRPWADTCSSSGKDGNLCLHVPNPPSGIS FPSVVDHPMPEERASKYENYFSASERLSLKRELSWYRGRRPRTAFTQNQIEVLENVFRVNCYPGIDIRE LAQKLNLEEDRIQIWFQNRRAKLRSHRESQFLMAKKNFNTNLE
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	21.2 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:	<a href="#">NP_003856</a>
Locus ID:	8820
UniProt ID:	<a href="#">Q9UBX0</a> , <a href="#">A1LQRO</a>
RefSeq Size:	1182



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Cytogenetics: 3p14.3

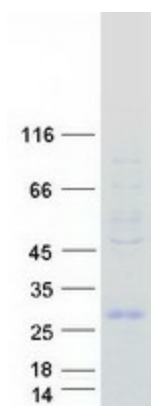
RefSeq ORF: 555

Synonyms: ANF; CPHD5; RPX

**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 septooptic 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]).