

## Product datasheet for TP318907M

### HERC6 (NM\_017912) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hect domain and RLD 6 (HERC6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC218907 representing NM_017912 Red=Cloning site Green=Tags(s)

MYFCWGADSRELQRRRTAGSPGAELLQAASGERHSLLLL TNHRVLS CGDNSRGQLGRRGAQRGELPEPIQ  
ALETLIVDLVSCGKEHSLAVCHKGRVFAWGAGSEGQLGIGEFKEISFTPKKIMTLNDIKIIVSCGHYHS  
LALSKDSQVFSWGKNSHGQLGLGKEFPSQASPQRVRSLEGIPLAQVAAGGAHSFALS LCGTSFGWGSNSA  
GQLALSGRNVPVQSNKPLSVGALKNLGVVYISCGDAHTAVLTQDGKVF TFGDNRS GQLGYSPTPEKRGPO  
LVERIDGLVSQIDCGSYHTLAVVHTTGQVVSFGHGPSDTSKPTHPEALTENFDISCLISAEDFVDVQVKH  
IFAGTYANFVTHQDTSSTRAPGKTLPEISRISQSMAEKWIAVKRRSTEHEMAKSEIRMIFSSPACLTAS  
FLKRRGTGETTSIDVDLEMARDTFKCLKKEWISSMITT CLEDDLRLALPCHSPHQEALSVFLLLPECPV  
MHDSKNWKNLVVFAKAVCEMSKQSLQVLKCKWAFLESSLNPLIQMLKAAIISQLLHQTKEQDHCNVK  
ALLGMMKELHKVNKANCRLPENTFNINELSNLLNFYIDRGRQLFRDNHLIPAETSPVIFSDFFIFNSL  
SKIKLLQADSHIKMQMSEKKAYMLMHETILQKKDEFPPSPRFILRVRRSRLVKDALRQLSQAEATDFCKV  
LVVEFINEICPESGGVSSEFFHCMFEEMTKPEYGMFMYPEMGSCMWFPAKPKPEKKRYFLFGMLCGLSLF  
NLNVANLPFPLALYKLLDQKPSLEDLKELS PRLGKSLQEVLD DAADDIGDALCIRFSIHWDQNDVDLIP  
NGISIPVDQTNKR DYVSKYIDYIFNVSVKAVYEEFQ RGFYRVCEKEILRHFYPEELMTAIGNTDYDWKQ  
FEQNSKYEQGYQKSHPTIQLFWKAFHKLTLDEKKKFLFFLTGRDRLHARGIQKMEIVFRCPETFSERDHP  
TSITCHNILSLPKYSTMERMEEALQVAINNNR GFVSPMLTQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

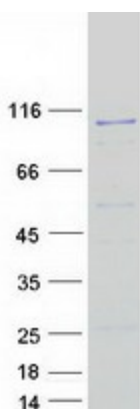
Tag:	C-Myc/DDK
Predicted MW:	114.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_060382</a>
<b>Locus ID:</b>	55008
<b>UniProt ID:</b>	<a href="#">Q8IVU3</a>
<b>RefSeq Size:</b>	3903
<b>Cytogenetics:</b>	4q22.1
<b>RefSeq ORF:</b>	3066
<b>Summary:</b>	HERC6 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1 (MIM 179710)-like domain (RLD). The 350-amino acid HECT domain is predicted to catalyze the formation of a thioester with ubiquitin before transferring it to a substrate, and the RLD is predicted to act as a guanine nucleotide exchange factor for small G proteins (Hochrainer et al., 2005 [PubMed 15676274]).[supplied by OMIM, Mar 2008]
<b>Protein Families:</b>	Druggable Genome

### Product images:



Coomassie blue staining of purified HERC6 protein (Cat# [TP318907]). The protein was produced from HEK293T cells transfected with HERC6 cDNA clone (Cat# [RC218907]) using MegaTran 2.0 (Cat# [TT210002]).