

Product datasheet for **TP318907L**

HERC6 (NM_017912) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human hect domain and RLD 6 (HERC6), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC218907 representing NM_017912
Red=Cloning site **Green**=Tags(s)

MYFCWGADSRELQRRRTAGSPGAELLQAASGERHSLLLL TNHRVLS CGDNSRGQLGRRGAQRGELPEPIQ
ALETLIVDLVSCGKEHSLAVCHKGRVFAWGAGSEGQLGIGEFKEISFTPKKIMTLNDIKIIQVSCGHYHS
LALSKDSQVFSWGKNSHGQLGLGKEFPSQASPQRVRSLEGIPLAQVAAGGAHSFALS LCGTSFGWGSNSA
GQLALSGRNVPVQSNKPLSVGALKNLGVVYISCGDAHTAVLTQDGKVF TFGDNRS GQLGYSPTPEKRGPO
LVERIDGLVSQIDCGSYHTLAYVHTTGQVVSFGHGPSDTSKPTHPEALTENFDISCLISAEDFVDVQVKH
IFAGTYANFVTHQDTSSTRAPGKTLPEISRISQSMAEKWIAVKRRSTEHEMAKSEIRMIFSSPACLTAS
FLKRRGTGETTSIDVDLEMARDTFKCLKKEWISSMITT CLEDDLRLALPCHSPHQEALSVFLLLPECPV
MHDSKNWKNLVVFAKAVCEMSKQSLQVLKCKWAF LQESSLNPLIQMLKAAIISQLLHQTKTEQDHCNVK
ALLGMMKELHKVNKANCRLPENTFNINELSNLLNFYIDRGRQLFRDNHLIPAETSPVIFSDFFPIFNSL
SKIKLLQADSHIKMQMSEKKAYMLMHETILQKKDEFPPSPR FILRVRRSRLVKDALRQLSQAEATDFCKV
LVVEFINEICPESGGVSSEFFHCMFEEMTKPEYGMFMYPEMGSCMWFPAPKPKPEKKRYFLFGMLCGLSLF
NLNVANLPFPLALYKLLDQKPSLEDLKELSPRLGKSLQEVLD DAADDIGDALCIRFSIHWDQNDVDLIP
NGISIPVDQTNKR DYVSKYIDYIFNVSVKAVYEEFQ RGFYRVCEKEILRHFYPEELMTAIGNTDYDWKQ
FEQNSKYEQGYQKSHPTIQLFWKAFHKLTLDEKKKFLFFLTGRDRLHARGIQKMEIVFRCPETFSERDHP
TSITCHNILSLPKYSTMERMEEALQVAINNNR G FVSPMLTQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

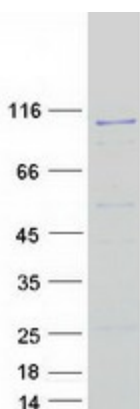
Tag: C-Myc/DDK
Predicted MW: 114.9 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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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:	NP_060382
Locus ID:	55008
UniProt ID:	Q8IVU3
RefSeq Size:	3903
Cytogenetics:	4q22.1
RefSeq ORF:	3066
Summary:	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]
Protein Families:	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]).