

Product datasheet for PH318907

HERC6 (NM_017912) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HERC6 MS Standard C13 and N15-labeled recombinant protein (NP_060382)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218907
Predicted MW:	114.9 kDa
Protein Sequence:	>RC218907 representing NM_017912 Red=Cloning site Green=Tags(s)

MYFCWGADSRELQRRRTAGSPGAELLQAASGERHSLLLL TNHRVL SCGDNSRGQLGRRGAQRGELPEPIQ
ALETLIVDLVSCGKEHSLAVCHKGRVFAWGAGSEGLGIGEFKEISFTPKKIMTLNDIKIIQVSCGHYHS
LALSKDSQVFSWGKNSHQGLGKGFPSQASPQRVRSLEGIPLAQAAGGAHSFALSLCGTSFGWGSNSA
GQLALSGRNVPVQSNKPLSVGALKNLGVVYISCGDAHTAVLTQDGKVFTFGDNRSQGLGYSPTPEKRGPO
LVERIDGLVSIQDCGSYHTLAYVHTTGQVVSFGHGSDTSKPTHPEALTENFDISCLISAEDFVDVQVKH
IFAGTYANFVTTHQDTSSTRAPGKTLPEISRISQSMAEKWI AVKRRSTEHEMAKSEIRMIFSSPACLTAS
FLKKRGTGETTSIDVDLEMARDTFKFLTKKEWISSMITTCEDDLRLALPCHSPHQEALSVFLLLPCEPV
MHDSKNWKNLVVPAKAVCEMSKQSLQVLKCCWAFLQESSLNPLIQMLKAAIISQLLHQTKTEQDHCNVK
ALLGMMKELHKVNKANCRLPENTFNINELSNLNFYIDRGRQLFRDNHLIPAETSPVIFSDFPFIFNSL
SKIKLLQADSHIKMQMSEKKAYMLMHETILQKKDEFPPSPRFLRVRRLVKDALRQLSQAEATDFCKV
LVVEFINEICPESGGVSSEFFHCFEEMTKPEYGMFMYPEMGSWFPAPKPKPEKKRYFLFGMLCGLSLF
NLNVANLPPFLALYKLLDQKPSLEDLKELESPRLGKSLQEVLDAAADDIGDALCIRFSIHWDQNDVDLIP
NGISIPVDQTNKRDYVSKYIDYIFNVSVKAVYEEFQRFYRVCEKILRHFYPEELMTAIIIGNTDYDWKQ
FEQNSKYEQGYQKSHPTIQLFWKAFHKLTLDEKKKFLFLLTGRDRLHARGIQKMEIVFRCPETF SERDHP
TSITCHNILSLPKYSTMERMEEALQVAINNRRGFVSPMLTQS

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.



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Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

RefSeq: [NP_060382](#)

RefSeq Size: 3903

RefSeq ORF: 3066

Locus ID: 55008

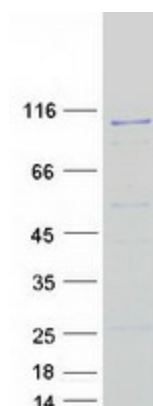
UniProt ID: [Q8IVU3](#)

Cytogenetics: 4q22.1

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]).