

Recombinant Human HERC6, His-tagged

Cat. No. HERC6-13741H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HERC6 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	11-98a.a.
Description	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]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	HERC6 HECT and RLD domain containing E3 ubiquitin protein ligase family member
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	6 [Homo sapiens]
Official Symbol	HERC6
Synonyms	HERC6; HECT and RLD domain containing E3 ubiquitin protein ligase family member 6; hect domain and RLD 6; probable E3 ubiquitin-protein ligase HERC6; FLJ20637; potential ubiquitin ligase; HECT domain and RCC1-like domain-containing protein 6;
Gene ID	55008
mRNA Refseq	NM_001165136
Protein Refseq	NP_001158608
MIM	609249
UniProt ID	Q8IVU3
Chromosome Location	4q22
Function	acid-amino acid ligase activity; ligase activity; ubiquitin-protein ligase activity;