

Recombinant Human HERC4, GST-tagged

Cat. No. HERC4-13739H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HERC4 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	723-1049a.a.
Description	HERC4 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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	HERC4 HECT and RLD domain containing E3 ubiquitin protein ligase 4 [Homo
------------------	---

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	sapiens]
Official Symbol	HERC4
Synonyms	HERC4; HECT and RLD domain containing E3 ubiquitin protein ligase 4; hect domain and RLD 4; probable E3 ubiquitin-protein ligase HERC4; DKFZP564G092; KIAA1593; HECT domain and RCC1-like domain-containing protein 4; DKFZp564G092;
Gene ID	26091
mRNA Refseq	NM_015601
Protein Refseq	NP_056416
MIM	609248
UniProt ID	Q5GLZ8
Chromosome Location	10
Pathway	Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;
Function	acid-amino acid ligase activity; ligase activity; ubiquitin-protein ligase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA