

Recombinant Human HERC3, GST-tagged

Cat. No. HERC3-13738H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HERC3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-368a.a.
Description	This gene encodes a member the HERC ubiquitin ligase family. The encoded protein is located in the cytosol and binds ubiquitin via a HECT domain. Mutations in this gene have been associated with colorectal and gastric carcinomas. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
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	HERC3 HECT and RLD domain containing E3 ubiquitin protein ligase 3 [Homo sapiens]
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Official Symbol	HERC3
Synonyms	HERC3; HECT and RLD domain containing E3 ubiquitin protein ligase 3; hect domain and RLD 3; probable E3 ubiquitin-protein ligase HERC3; KIAA0032; HECT domain and RCC1-like domain-containing protein 3;
Gene ID	8916
mRNA Refseq	NM_014606
Protein Refseq	NP_055421
MIM	605200
UniProt ID	Q15034
Chromosome Location	4q21
Pathway	Ubiquitin mediated proteolysis, organism-specific biosystem; Ubiquitin mediated proteolysis, conserved biosystem;
Function	acid-amino acid ligase activity; ligase activity; ubiquitin-protein ligase activity;

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