

Recombinant Human HERC3 cell lysate

Cat. No. HERC3-780HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	HERC3 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]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	HERC3 HECT and RLD domain containing E3 ubiquitin protein ligase 3 [Homo sapiens]
Official Symbol	HERC3
Synonyms	HERC3; HECT and RLD domain containing E3 ubiquitin protein ligase 3; hect domain

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	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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