

Active Recombinant Human HERC4 Protein, GST-tagged

Cat. No. HERC4-637H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HERC4(642-end) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	642-end
Description	HERC4 or HECT and RLD domain containing E3 ubiquitin protein ligase 4 belongs to the HERC family of ubiquitin ligases, all of which contain a HECT domain and at least 1 RCC1-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 domain is predicted to act as a guanine nucleotide exchange factor for small G proteins. HERC4 is highly expressed in adult and fetal brain and in all specific brain regions examined.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol
Bio-activity	6 nmol/min/mg
Molecular Mass	71 kDa
Purity	>80%

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Applications	Ubiquitin Enzyme Assay, Western Blot
Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml

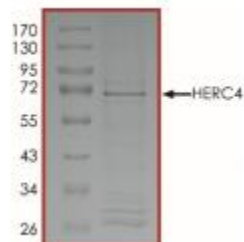
GENE INFORMATION

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

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