

Recombinant Mouse Hace1 Protein, Myc/DDK-tagged

Cat. No. Hace1-3350M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1 (Hace1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase involved in Golgi membrane fusion and regulation of small GTPases. Acts as a regulator of Golgi membrane dynamics during the cell cycle: recruited to Golgi membrane by Rab proteins and regulates postmitotic Golgi membrane fusion. Acts by mediating ubiquitination during mitotic Golgi disassembly, ubiquitination serving as a signal for Golgi reassembly later, after cell division. Specifically interacts with GTP-bound RAC1, mediating ubiquitination and subsequent degradation of active RAC1, thereby playing a role in host defense against pathogens. May also act as a transcription regulator via its interaction with RARB.
Molecular Mass	102.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Hace1 HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1 [*Mus musculus* (house mouse)]

Official Symbol [Hace1](#)

Synonyms HACE1; HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1; E3 ubiquitin-protein ligase HACE1; HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1; BC025474; 1700042J16Rik; A730034A22Rik; KIAA1320

Gene ID [209462](#)

mRNA Refseq [NM_172473](#)

Protein Refseq [NP_766061](#)

UniProt ID [Q3U0D9](#)

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