Recombinant Human HACE1 Protein (E2-A909), Tag Free

Cat. No. HACE1-0420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-HACE1(E2-A909 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	E2-A909
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.
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	85%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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

Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 50mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol, 1mM DTT
Shipping	It is shipped out with blue ice.

GENE INFORMATION

Gene Name	HACE1 HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1 [Homo sapiens (human)]
Official Symbol	HACE1
Synonyms	HACE1; HECT domain and ankyrin repeat containing E3 ubiquitin protein ligase 1; E3 ubiquitin-protein ligase HACE1; KIAA1320; HECT domain and ankyrin repeat-containing E3 ubiquitin-protein ligase 1; HECT domain and ankyrin repeat containing, E3 ubiquitin protein ligase 1;
Gene ID	57531
mRNA Refseq	NM_020771
Protein Refseq	NP_065822
MIM	610876
UniProt ID	Q8IYU2

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