

Recombinant Human UFC1 Protein (A2-Q167), Tag Free

Cat. No. UFC1-0406H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human (GG)-UFC1(A2-Q167 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	A2-Q167
Description	E1-like enzyme which specifically catalyzes the second step in ufmylation. Accepts the ubiquitin-like modifier UFM1 from the E1 enzyme UBA5 and forms an intermediate with UFM1 via a thioester linkage. Ufmylation is involved in reticulophagy (also called ER-phagy) induced in response to endoplasmic reticulum stress.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	95%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
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.

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Storage Buffer Supplied as sterile 25mM Tris-HCl (pH 7.5), 200mM NaCl, 20% glycerol, 1mM DTT.

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name UFC1 ubiquitin-fold modifier conjugating enzyme 1 [Homo sapiens (human)]

Official Symbol UFC1

Synonyms UFC1; ubiquitin-fold modifier conjugating enzyme 1; ubiquitin-fold modifier-conjugating enzyme 1; HSPC155; Ufm1-conjugating enzyme 1;

Gene ID 51506

mRNA Refseq NM_016406

Protein Refseq NP_057490

MIM 610554

UniProt ID Q9Y3C8

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