

Recombinant Mouse Rnf185 Protein, Myc/DDK-tagged

Cat. No. Rnf185-5553M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ring finger protein 185 (cDNA clone MGC:19394 IMAGE:3153870), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	E3 ubiquitin-protein ligase that regulates selective mitochondrial autophagy by mediating 'Lys-63'-linked polyubiquitination of BNIP1. Acts in the endoplasmic reticulum (ER)-associated degradation (ERAD) pathway, which targets misfolded proteins that accumulate in the endoplasmic reticulum (ER) for ubiquitination and subsequent proteasome-mediated degradation. Protects cells from ER stress-induced apoptosis. Responsible for the cotranslational ubiquitination and degradation of CFTR in the ERAD pathway. Preferentially associates with the E2 enzymes UBE2J1 and UBE2J2.
Molecular Mass	20.5 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 Rnf185 ring finger protein 185 [*Mus musculus* (house mouse)]

Official Symbol [Rnf185](#)

Synonyms Rnf185; ring finger protein 185; E3 ubiquitin-protein ligase RNF185; RING-type E3 ubiquitin transferase RNF185; EC 2.3.2.27

Gene ID [193670](#)

mRNA Refseq [NM_145355](#)

Protein Refseq [NP_663330](#)

UniProt ID [Q91YT2](#)

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