

Recombinant Human ROMO1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ROMO1-2578H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ROMO1 MS Standard C13 and N15-labeled recombinant protein (NP_542786) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a mitochondrial membrane protein that is responsible for increasing the level of reactive oxygen species (ROS) in cells. The protein also has antimicrobial activity against a variety of bacteria by inducing bacterial membrane breakage.
Molecular Mass	8.2 kDa
AA Sequence	MPVAVGPYQSQPSCFDRVKMGMGCAVGMAAGALFGTFSCLRIGMRGRELMG GIGKTMMQSGGTFGTFMAIGMGIRCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

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Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ROMO1 reactive oxygen species modulator 1 [Homo sapiens (human)]

Official Symbol ROMO1

Synonyms ROMO1; reactive oxygen species modulator 1; MTGM; MTGMP; C20orf52; bA353C18.2; reactive oxygen species modulator 1; PCM19; ROS modulator 1; epididymis tissue protein Li 175; glyrichin; mitochondrial targeting GXXXG protein; mitochondrial targeting GxxxG motif protein; protein MGR2 homolog

Gene ID 140823

mRNA Refseq NM_080748

Protein Refseq NP_542786

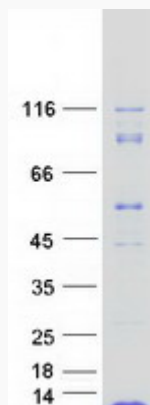
MIM 618894

UniProt ID P60602

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SDS-PAGE

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