

Recombinant Full Length Human ROMO1 Protein, Flag-tagged

Cat. No. ROMO1-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full length recombinant protein (1-79 aa). Expressed in HEK293T cells with C-terminal Flag tag. Detectable by anti-DDK antibody in WB.
Species	Human
Source	HEK293
ProteinLength	1-79 aa
Description	ROMO1 (Reactive Oxygen Species Modulator 1) is a mitochondrial inner membrane protein that modulates reactive oxygen species (ROS) levels in cells. It also exhibits antimicrobial activity by inducing bacterial membrane disruption. Also known as C20orf52, MTGM, MTGMP.
Form	Liquid
Molecular Mass	8 kDa
AASequence	MPVAVGPYQSQSPSCFDRVKMGFVMGCAVGMAAGALFGTFSCLRIGMRGRELMG GIGKTMMQSGGTFGTFMAIGMGIRC
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

 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 at -80C. Stable for 12 months. Avoid repeated freeze-thaw cycles.
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Concentration	>0.1 ug/uL as determined by microplate BCA method
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Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
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GENE INFORMATION

Gene Name	ROMO1
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Official Symbol	ROMO1
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Synonyms	bA353C18.2; C20orf52; MTGM; MTGMP
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Gene ID	140823
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mRNA Refseq	NM_080748
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Protein Refseq	NP_542786
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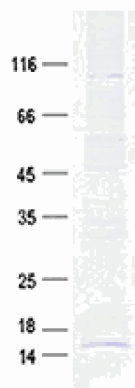
MIM	618894
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UniProt ID	P60602
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SDS-PAGE

Coomassie blue staining of purified ROMO1 protein.

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