

Recombinant Human REM1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. REM1-4906H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	REM1 MS Standard C13 and N15-labeled recombinant protein (NP_054731) 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 GTPase and member of the RAS-like GTP-binding protein family. The encoded protein is expressed in endothelial cells, where it promotes reorganization of the actin cytoskeleton and morphological changes in the cells.
Molecular Mass	32.9 kDa
AA Sequence	MTLNTEQEAKTPLHRRASTPLPLSPRGHQPGRLSTVPSTQSQHPRLGQSASLNPPT QKPSPAPDDWSSESSDSEGSWEALYRVVLLGDPGVGKTSLASLFAGKQERDLHEQ LGEDVYERTLTVDGEDTTLVVVDTWAEKLDKSWSQESCLQGGSAYVIVYSIADRG SFESASELRIQLRRTHQADHVPIILVGNKADLARCRESVVEEGRACAVVFDCKFIETS ATLQHNVAELFEGVVRQLRLRRRDSAAKEPPAPRRPASLAQRARRFLARLTARSAR RRALKARSKSCHNLAVLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

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

GENE INFORMATION

Gene Name REM1 RRAD and GEM like GTPase 1 [Homo sapiens (human)]

Official Symbol REM1

Synonyms REM1; RAS (RAD and GEM)-like GTP-binding 1; RAS (RAD and GEM) like GTP binding, REM; GTP-binding protein REM 1; GES; GTPase GES; rad and Gem-like GTP-binding protein 1; GTPase-regulating endothelial cell sprouting; REM; GD:REM; MGC48669;

Gene ID 28954

mRNA Refseq NM_014012

Protein Refseq NP_054731

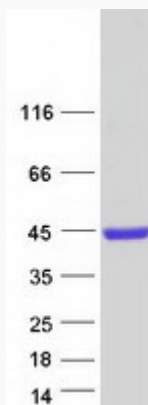
MIM 610388

UniProt ID O75628

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SDS-PAGE

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