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(54) Title: PRENYLATION ASSAY

(57) Abstract: A method for determining the activity of Rab escort protein 1 (REP1) comprising the steps: (a) providing a sample comprising REP1; (b) contacting the sample of step (a) with Rab6a, Rab geranylgeranyltransferase (Rab GGTase) and a lipid donor substrate; and (c) detecting the lipidated Rab6a product.