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Phosphorylase kinase: mathematic modeling | Kinaza fosforilazy: matematicheskoe modelirovanie.

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Abstract

A mathematical model of the dynamic behavior of phosphorylase kinase was devised. Based on the results obtained, the function of this protein is discussed. It is suggested that phosphorylase kinase doses in a cAMP-dependent manner additional portions of glucoso-l-phosphate, which the muscle cell receives in response to contraction.