

Recombinant Human PAK7

Catalog No: #GP10678



Package Size: #GP10678-1 100ug

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Description

Product Name	Recombinant Human PAK7
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 300 amino acids of human p21 protein (Cdc42/Rac)-activated kinase 7p21 protein (Cdc42/Rac)-activated kinase 7
Target Name	p21 protein (Cdc42/Rac)-activated kinase 7
Other Names	PAK5
Accession No.	Swissprot:Q9P286Gene Accession:BC024179
Uniprot	Q9P286
GenID	57144;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene is a member of the PAK family of Ser/Thr protein kinases. PAK family members are known to be effectors of Rac/Cdc42 GTPases, which have been implicated in the regulation of cytoskeletal dynamics, proliferation, and cell survival signaling. This kinase contains a CDC42/Rac1 interactive binding (CRIB) motif, and has been shown to bind CDC42 in the presence of GTP. This kinase is predominantly expressed in brain. It is capable of promoting neurite outgrowth, and thus may play a role in neurite development. This kinase is associated with microtubule networks and induces microtubule stabilization. The subcellular localization of this kinase is tightly regulated during cell cycle progression. Alternatively spliced transcript variants encoding the same protein have been described.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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