

Recombinant Mouse Stk10 Protein, Myc/DDK-tagged

Cat. No. Stk10-6181M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length serine/threonine kinase 10 (Stk10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the Ste20 family of serine/threonine protein kinases, and is similar to several known polo-like kinase kinases. Mice deficient for this gene product are viable, but exhibit altered integrin-mediated lymphocyte adhesion characteristics. The orthologous gene product in humans can associate with and phosphorylate polo-like kinase 1, and overexpression of a kinase-dead version of the protein interferes with normal cell cycle progression.
Molecular Mass	111.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Stk10 serine/threonine kinase 10 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Stk10](#)

Synonyms STK10; serine/threonine kinase 10; serine/threonine-protein kinase 10; germ cell kinase 1; lymphocyte-oriented kinase; Lok; Gek1; mKIAA4026; KIAA4026

Gene ID [20868](#)

mRNA Refseq [NM_009288](#)

Protein Refseq [NP_033314](#)

UniProt ID [O55098](#)

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