

Recombinant Human STK25 Protein, GST-His-tagged

Cat. No. STK25-567H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human STK25 fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	This gene encodes a member of the germinal centre kinase III (GCK III) subfamily of the sterile 20 superfamily of kinases. The encoded enzyme plays a role in serine-threonine liver kinase B1 (LKB1) signaling pathway to regulate neuronal polarization and morphology of the Golgi apparatus. The protein is translocated from the Golgi apparatus to the nucleus in response to chemical anoxia and plays a role in regulation of cell death. A pseudogene associated with this gene is located on chromosome 18. Multiple alternatively spliced transcript variants have been observed for this gene.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	75.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	STK25 serine/threonine kinase 25 [Homo sapiens]
Official Symbol	STK25
Synonyms	STK25; serine/threonine kinase 25; serine/threonine kinase 25 (Ste20, yeast homolog); serine/threonine-protein kinase 25; SOK1; YSK1; SOK-1; ste20-like kinase; Ste20, yeast homolog; ste20/oxidant stress response kinase 1; sterile 20/oxidant stress-response kinase 1; serine/threonine kinase 25 (STE20 homolog, yeast); sterile 20 (oxidant stress response kinase 1; yeast Sps1/Ste20-related kinase 1); DKFZp686J1430;
Gene ID	10494
mRNA Refseq	NM_006374
Protein Refseq	NP_006365
MIM	602255
UniProt ID	O00506

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