

Recombinant Human STK25 protein, GST-tagged

Cat. No. STK25-301207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STK25 protein(323-426 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	323-426 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	PTIRPSPHSLHKG TALHSSQKPAEPVKRQPRSQCLSTLVRPVFGELKEKHEQSGG SVGAALEELNAFSLAEESCPGISDKLMVHLVERVQRFSHNRNHLTSTR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 12 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

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

SDS-PAGE

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