

Recombinant Human STK4 protein, GST-tagged

Cat. No. STK4-30118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STK4 (383-451 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Arg383-Leu451
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	RRDETMQPAKPSFLEYFEQKEKENQINSFGKSVPGPLKNSSDWKIPQDGDYEFLLKS WTVEDLQKRLAL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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GENE INFORMATION

Gene Name	STK4 serine/threonine kinase 4 [Homo sapiens]
Official Symbol	STK4
Synonyms	STK4; serine/threonine kinase 4; serine/threonine-protein kinase 4; kinase responsive to stress 2; KRS2; mammalian sterile 20 like 1; MST1; yeast Ste20 like; YSK3; MST-1; STE20-like kinase MST1; mammalian sterile 20-like 1; mammalian STE20-like protein kinase 1; serine/threonine-protein kinase Krs-2; dJ211D12.2 (serine/threonine kinase 4 (MST1, KRS2)); DKFZp686A2068;
Gene ID	6789
mRNA Refseq	NM_006282
Protein Refseq	NP_006273
MIM	604965
UniProt ID	Q13043

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