

Recombinant Human TSSK3 protein, GST-tagged

Cat. No. TSSK3-3468H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TSSK3 protein(1-268 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-268 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	MEDFLLSNGYQLGKTIGEGTYSKVKEAFSKKHQRKVAIKVIDKMGGPEEFIQRFLPR ELQIVRTL DHKNIIQVYEMLESADGKICLVME LAEGGDVFD CVLNGGPLPESRAKALF RQMVEAIRYCHGCGVAHRDLKCENALLQGFNLKLTDFGFAKVL PKSHRELSQTFCG STAYAAPEVLQGIPHDSKKGDVWSMGVVLVYMLCASLPFDDTDIPKMLWQQQKGV SFPTHLSISADCQDLLKRLLPEPDMILRPSIEEVSWHPWLAST
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 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 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

TSSK3 testis-specific serine kinase 3 [Homo sapiens]

Official Symbol

TSSK3

Synonyms

TSSK3; testis-specific serine kinase 3; serine/threonine kinase 22C (spermiogenesis associated) , STK22C; testis-specific serine/threonine-protein kinase 3; SPOGA3; TSK-3; TSSK-3; testis-specific kinase 3; spermiogenesis associated 3; serine/threonine-protein kinase 22C; testis-specific serine/threonine kinase 22C; TSK3; STK22C; STK22D;

Gene ID

81629

mRNA Refseq

NM_052841

Protein Refseq

NP_443073

MIM

607660

UniProt ID

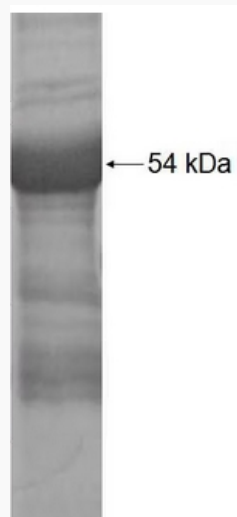
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SDS-PAGE



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