

Recombinant Human TSSK4 Protein (G2-T328), His/GST tagged

Cat. No. TSSK4-1094H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-GST-TEV-GG-TSSK4(G2-T328 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	G2-T328
Description	Serine/threonine kinase which is involved in male germ cell development and in mature sperm function. May be involved in the Cre/Creb signaling pathway. Phosphorylates CREB1 on 'Ser-133' in vitro and can stimulate Cre/Creb pathway in cells. Phosphorylates CREM on 'Ser-116' in vitro. Phosphorylates ODF2 on 'Ser-95'.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

Shipping It is shipped out with blue ice.

GENE INFORMATION

Gene Name TSSK4 testis specific serine kinase 4 [Homo sapiens (human)]

Official Symbol TSSK4

Synonyms TSSK4; testis specific serine kinase 4; TSK4; TSK-4; TSSK5; STK22E; C14orf20; testis-specific serine/threonine-protein kinase 4; serine/threonine kinase 22E; serine/threonine-protein kinase 22E; EC 2.7.11.1

Gene ID 283629

mRNA Refseq NM_174944

Protein Refseq NP_777604

MIM 610711

UniProt ID Q6SA08

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