

Recombinant Human TSSK2, His-tagged

Cat. No. TSSK2-2293H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human TSSK2 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	381aa
Description	TSSK2 is a testis-specific serine/threonine-protein kinase required during spermatid development. This protein phosphorylates TSKS at "Ser-288" and SPAG16. TSSK2 involved in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, it is required for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Molecular Mass	43 kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMDDATVL RKKGYIVGIN LGKGSYAKVK SAYSERLKFN VAVKIIDRKK TPTDFVERFL PREMDILATVNHGSIKTYE IFETSDGRIY IIMELGVQGD LLEFIKCQGA LHEDVARKMF RQLSSAVKYC HDLDIVHRDL KCENLLLDKD FNIKLSDFGF SKRCLRDSNG RIILSKTFCG SAAYAAPEVL QSIPIYQPKVY DIWSLGVILY IMVCGSMPYD DSDIRKMLRI

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QKEHRVDFPR SKNLTCECKDLIYRMLQPDV SQRLHIDEIL SHSWLQPPKP
KATSSASFKR EGEGKYRAEC KLDTKTGLRP DHRPDHKLGA KTQHRLLVVP
ENENRMEDRL AETSRKDDH ISGAEVGKAS T

Purity >85% by SDS - PAGE

Applications SDS-PAGE

Storage Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 0.25 mg/ml

GENE INFORMATION

Gene Name [TSSK2 testis specific serine threonine kinase 2 \[Homo sapiens \]](#)

Official Symbol TSSK2

Synonyms TSSK2; testis specific serine threonine kinase 2; DGS-G;

Gene ID [25785](#)

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