

32-3129: TSSK2 Recombinant Protein

Alternative Name : Testis-specific serine/threonine-protein kinase 2,DGS-G, SPOGA2,STK22B,TSK2,TSK-2,TSSK-2,TSSK2,DiGeorge syndrome protein G,Serine/threonine-protein kinase 22B,DGSG,Testis Specific Serine Kinase 2.

Description

Source : E.coli. TSSK2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 381 amino acids (1-358 a.a) and having a molecular mass of 43kDa.TSSK2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. TSSK2 is a testis-specific serine/threonine-protein kinase required during spermatid development which phosphorylates TSKS at 'Ser-288' and SPAG16. TSSK2 takes part in the late stages of spermatogenesis, during the reconstruction of the cytoplasm. During spermatogenesis, TSSK2 is necessary for the transformation of a ring-shaped structure around the base of the flagellum originating from the chromatoid body.

Product Info

Amount : 10 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : TSSK2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMDATVL RKKGYIVGIN LGKGSYAKVK SAYSERLKFV VAVKIIDRKK TPTDFVERFL PREMDILATV NHGSIKTYE IFETSDGRIY IIMELGVQGD LLEFIKQGA LHEDVARKMF RQLSSAVKYC HDLDIVHRDL KCENLLLDKD FNIKLSDFGF SKRCLRDSNG RIILSKTFEG SAAYAAPEVL QSIPYQPKVY DIWVSLGVILY IMVCGSMPYD DSDIRKMLRI QKEHRVDFPR SKNLTCECKD LIYRMLQPDV SQRLHIDEIL SHSWLQPPKP KATSSASFKR EGEGKYRAEC KLDTKTGLRP DHRPDHKLGA KTQHRLLVVP ENENRMDRL AETSRADHH ISGAEVGKAS T.