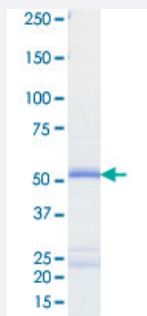


Bioactive

TSSK3 (Human) Recombinant Protein

Catalog # P5656 Size 5 ug

Applications



Result of activity analysis

Result of activity analysis

□

Specification

Product Description	Human TSSK3 (NP_443073.1, 2 a.a. - 268 a.a.) partial recombinant protein with GST tag expressed in baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	57
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	75 % by SDS-PAGE/CBB staining

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by LabChip 3000. Substrate: GS peptide. ATP: 100 μ M.
Quality Control Testing	Loading 1 μ g protein in SDS-PAGE
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — TSSK3

Entrez GeneID	81629
Protein Accession#	NP_443073.1
Gene Name	TSSK3
Gene Alias	SPOGA3, STK22C, STK22D
Gene Description	testis-specific serine kinase 3
Omim ID	607660
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a kinase expressed exclusively in the testis that is thought to play a role in either germ cell differentiation or mature sperm function. [provided by RefSeq]
Other Designations	OTTHUMP00000008862 serine/threonine kinase 22C (spermiogenesis associated) spermiogenesis associated 3 testis-specific serine/threonine kinase 22C