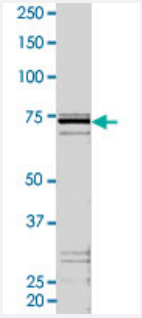
Bioactive Full-Length

TSSK2 (Human) Recombinant Protein

Catalog # P4789 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human TSSK2 (NM_053006, 1 a.a. - 358 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	73.916
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	One-step affinity purification using GSH-agarose
Concentration	0.378 ug/uL

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Activity	6 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0 (5 mM DTT, 15 mM reduced glutathione, 20% 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 — TSSK2

Entrez GeneID	23617
Protein Accession#	NM_053006
Gene Name	TSSK2
Gene Alias	DGS-G, FLJ38613, SPOGA2, STK22B
Gene Description	testis-specific serine kinase 2
Omim ID	610710
Gene Ontology	Hyperlink
Gene Summary	TSSK2 belongs to a family of serine/threonine kinases highly expressed in testis (Hao et al., 2004 [PubMed 15044604]).[supplied by OMIM
Other Designations	serine/threonine kinase 22B (spermiogenesis associated)|spermiogenesis associated 2|testis s pecific serine threonine kinase 2

Disease

- Azoospermia

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- Oligospermia

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