

## Recombinant Human TSKS cell lysate

**Cat. No.** TSKS-1845HCL    **Lot. No.** (See product label)

### SPECIFICATION

#### Product Overview

|                       |                                                                                                                                                                                                                                                                                                                                                                                                                |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>    | This gene may play a role in testicular physiology, spermatogenesis or spermiogenesis. Expression of the encoded protein is highest in the testis and down-regulated in testicular cancer. The gene is localized to the region 19q13.3 among the related RAS viral oncogene homolog (RRAS) and interferon regulatory factor 3 (IRF3) genes, which are both involved in tumorigenesis pathways and progression. |
| <b>Size</b>           | 100 ul                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>   | Western Blot;                                                                                                                                                                                                                                                                                                                                                                                                  |

### GENE INFORMATION

|                        |                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TSKS testis-specific serine kinase substrate [ Homo sapiens ]                                                                                                                 |
| <b>Official Symbol</b> | TSKS                                                                                                                                                                          |
| <b>Synonyms</b>        | TSKS; testis-specific serine kinase substrate; TSSKS; STK22 substrate 1; testis-specific kinase substrate; testis specific serine/threonine kinase substrate; TSKS1; STK22S1; |

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|                            |                                          |
|----------------------------|------------------------------------------|
| <b>Gene ID</b>             | 60385                                    |
| <b>mRNA Refseq</b>         | NM_021733                                |
| <b>Protein Refseq</b>      | NP_068379                                |
| <b>MIM</b>                 | 608253                                   |
| <b>UniProt ID</b>          | Q9UJT2                                   |
| <b>Chromosome Location</b> | 19q13.3                                  |
| <b>Function</b>            | protein binding; protein kinase binding; |

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