



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## JRK (m): 293T Lysate: sc-121163

### BACKGROUND

JRK (jerky protein homolog) is also known as JH8 and is a 520 amino acid ortholog of the mouse jerky protein. JRK is thought to translocate from the nucleolus to many nuclear foci during the S phase and G<sub>2</sub> phase of the cell cycle. During mitosis, JRK is localized primarily to the cytoplasm, but may also be present as alternatively spliced isoforms that may be found in several other locations within the cell. The gene encoding JRK maps to human chromosome 8q24 and shares a locus with genes that are involved in the pathogenesis of childhood absence epilepsy (CAE), suggesting that JRK may be associated with the development of CAE.

### REFERENCES

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2. Morita, R., Miyazaki, E., Shah, P.U., Castroviejo, I.P., Delgado-Escueta, A.V. and Yamakawa, K. 1999. Exclusion of the JRK/JH8 gene as a candidate for human childhood absence epilepsy mapped on 8q24. *Epilepsy Res.* 37: 151-158.
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6. Waldron, R. and Moore, T. 2004. Complex regulation and nuclear localization of JRK protein. *Biochem. Soc. Trans.* 32: 920-923.

### CHROMOSOMAL LOCATION

Genetic locus: Jrk (mouse) mapping to 15 D3.

### PRODUCT

JRK (m): 293T Lysate represents a lysate of mouse JRK transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

### APPLICATIONS

JRK (m): 293T Lysate is suitable as a Western Blotting positive control for mouse reactive JRK antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

### STORAGE

Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.

### RESEARCH USE

For research use only, not for use in diagnostic procedures.

### PROTOCOLS

See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.