

# Recombinant Human JRK Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** JRK-5091H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | JRK MS Standard C13 and N15-labeled recombinant protein (NP_001070995) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>      | This gene encodes a conserved protein that is similar to DNA-binding proteins, such as major centromere autoantigen B (CENPB). Inactivation of the related gene in mice resulted in epileptic seizures. Childhood Absence Epilepsy (CAE) has been mapped to the same chromosomal location (8q24.3) as this gene. Alternative splicing results in multiple transcript variants.                                                                                                             |
| <b>Molecular Mass</b>   | 61.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MASKPAAGKSRGEKRRVLTLEKIDICTRLEKGESRKALMQEYNVGMSTLYDIRA<br>HKAQLLRFFASSDSNKALEQRRTLHTPKLEHLDRVLYEWFLGKRSEGVVPVSGPMLIE<br>KAKDFYEQMQLTEPCVFSGGWLWRFKARHGIKKLDASSEKQSADHQAAEQFCAFF<br>RSLAAEHGLSAEQVYNADETGLFWRCLPNPTPEGGAVPGPKQGKDRLTVLMCANA<br>TGSRLKPLAIGKCSGPRAFQGIQHLPVAYKAQGNWVDKEIFSDWFHHIFVPSVRE<br>HFRTIGLPEDSKAVLLLDSSRAHPQEAELVSSNVFTIFLPASVASLVQPMEQGIRPDF<br>MRNFINPPVPLQGPHARYNMNDAIFSVACAWNVPVSHVFRRWRKLWPSVAFVAFEG<br>SSSEEELEAECFPVKPHNKSFAHILELVKEGSSCPGQLRQRQAASWGVAGREAEG |

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GRPPAATSPAEEVWSSEKTPKADQDGGGDPGEGEEVAWEQA AVAFDAVLRFAER  
QPCFSAQEVGQLRALRAVFRSQQQETVGLDVDVVTSP EELAIPKCCLEASTETTRTR  
PLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** JRK Jrk helix-turn-helix protein [ Homo sapiens (human) ]

**Official Symbol** JRK

**Synonyms** JRK; jerky homolog (mouse); jerky (mouse) homolog; jerky protein homolog; JH8; FLJ45729; DKFZp686C24207;

**Gene ID** 8629

**mRNA Refseq** NM\_001077527

**Protein Refseq** NP\_001070995

**MIM** 603210

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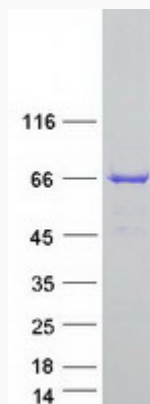
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UniProt ID

O75564

SDS-PAGE

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