

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

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

SPECIFICATION

Product Overview	JRK MS Standard C13 and N15-labeled recombinant protein (NP_001070995) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	61.5 kDa
AA Sequence	MASKPAAGKSRGEKRRVLTLEKIDICTRLEKGESRKALMQEYNVGMSTLYDIRA HKAQLLRFFASSDSNKALEQRRTLHTPKLEHLDRVLYEWFLGKRSEGVVPVSGPMLIE KAKDFYEQMQLTEPCVFSGGWLWRFKARHGIKKLDASSEKQSADHQAAEQFCAFF RSLAAEHGLSAEQVYNADETGLFWRCLPNPTPEGGAVPGPKQGKDRLTVLMCANA TGSRLKPLAIGKCSGPRAFQGIQHPVAYKAQGNWVDKEIFSDWFHHIFVPSVRE HFRTIGLPEDSKAVLLLDSSRAHPQEAELVSSNVFTIFLPASVASLVQPMEQGIRPDF MRNFINPPVPLQGPHARYNMNDAIFSVACAWNVPVSHVFRRWRKLWPSVAFAEG SSSEEELEAECFPVKPHNKSFAHILELVKEGSSCPGQLRQRQAASWGVAGREAEG

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GRPPAATSPAEVVWSSEKTPKADQDGGGDPGEGEEVAWEQA AVAFDAVLRFAER
QPCFSAQEVGQLRALRAVFRSQQQETV GLEDVVVTSPEELAIPKCCLEASTETTRTR
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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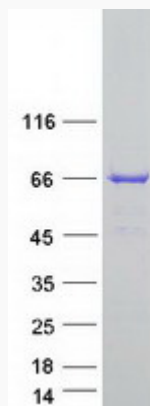
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UniProt ID

O75564

SDS-PAGE

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