

Product datasheet for PH318013

JRK (NM_001077527) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	JRK MS Standard C13 and N15-labeled recombinant protein (NP_001070995)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC218013
Predicted MW:	61.5 kDa
Protein Sequence:	>RC218013 representing NM_001077527 Red=Cloning site Green=Tags(s)

MASKPAAGKSRGEKRKRVLTLKEKIDICTRLEKGESRKALMQEYNVGMSTLYDIRAHKAQLLRFFASSD
SNKALEQRRTLHTPKLEHLDRVL YEWFLGKRSEGVPSVSGPMLIEKAKDFYEQMQLTEPCVFSGGWLWRFK
ARHGIIKKLDASSEKQSADHQAAEQCAFFRSLAAEHGLSAEQVYNADETGLFWRCLPNPTPEGGAVPGPK
QKGDRLTVLMCANATGSHRLKPLAIGKCSGPRAFKGIQHLPVAYKAQGNAWVDKEIFSDWFHHIFVPSVR
EHFRTIGLPEDSKAVLLLDSSRAHPQEAEVSSNVFTIFLPASVASLVQPMEQGIRDFMRNFINPPVPL
QGPARYNMNDIAIFSVACAWNAVPSHVFRRAWRWLWPSVAFVFAEGSSSEEELEAECFPVKPHNKSFAHILE
LVKEGSSCPQLRQQAASWGVAGREAEGRPPAATSPAEEVWSSEKTPKADQDGGGDPGEVEVAWEQA
AVAFDAVLRFAERQPCFSAQEVGQLRALRAVFRSQQETVGLDEVVVTSPPEELAI PKCCLEASTET

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001070995</u>
RefSeq Size:	3578
RefSeq ORF:	1668



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Synonyms: jerky; JH8

Locus ID: 8629

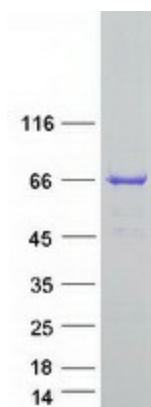
UniProt ID: [O75564](#)

Cytogenetics: 8q24.3

Summary: 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. [provided by RefSeq, Jul 2013]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified JRK protein (Cat# [TP318013]). The protein was produced from HEK293T cells transfected with JRK cDNA clone (Cat# [RC218013]) using MegaTran 2.0 (Cat# [TT210002]).