

Product datasheet for PH309094

RBPJK (RBPJ) (NM_203284) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	RBPJ MS Standard C13 and N15-labeled recombinant protein (NP_976029)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209094
Predicted MW:	54.4 kDa
Protein Sequence:	>RC209094 protein sequence Red=Cloning site Green=Tags(s)
	MAWIKRKFGERPPPKRLTREAMRNYLKERGDQTVLILHAKVAQKSYGNEKRFFCPPPCVYLMGSGWKKKK EQMERDGCSEQESQPCAFIGIGNSDQEMQQLNLEGKNYCTAKTLYISDSDKRKHFMLSVKMFYGNSSDDIG VFLSKRIKVISKPSKKKQSLKNADLCIASGTVKALFNRLRSQTVSTRYLHVEGGNFHASSQWGAFFIHL LDDDESEGEFTVRDGYIHYGQTVKLVCSVTGMALPRLIIRKVDKQTALLDADDPVSQLHKCAFYLKDE RMYLCLSQERIIQFQATPCPKENKEMINDGASWTIISTDKAEYTFYEGMGPVLPVTPVPVVELQLNG GGDVAMLELTGQNFNLRVWFGDVEAETMYRCGESMLCVVDPISAFREGWRWVRQPVPVTLVRNDGI IYSTSLTFTYTPPEGPRPHCSAAGAILRANSSQVPPNESNTNSEGSYTNASTNSTSVTSSTATVVS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_976029</u>
RefSeq Size:	6008
RefSeq ORF:	1458



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Synonyms: AOS3; CBF-1; CBF1; csl; IGKJRB; IGKJRB1; KBF2; RBP-J; RBP-JK; RBP-J kappa; RBPJK; RBPSUH; SUH

Locus ID: 3516

UniProt ID: [Q06330](#)

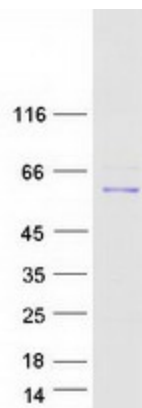
Cytogenetics: 4p15.2

Summary: The protein encoded by this gene is a transcriptional regulator important in the Notch signaling pathway. The encoded protein acts as a repressor when not bound to Notch proteins and an activator when bound to Notch proteins. It is thought to function by recruiting chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins to Notch signaling pathway genes. Several transcript variants encoding different isoforms have been found for this gene, and several pseudogenes of this gene exist on chromosome 9. [provided by RefSeq, Oct 2013]

Protein Families: Transcription Factors

Protein Pathways: Notch signaling pathway

Product images:



Coomassie blue staining of purified RBPJ protein (Cat# [TP309094]). The protein was produced from HEK293T cells transfected with RBPJ cDNA clone (Cat# [RC209094]) using MegaTran 2.0 (Cat# [TT210002]).