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

Cat. No. RBPJ-5292H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBPJ MS Standard C13 and N15-labeled recombinant protein (NP_976029) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	54.4 kDa
AA Sequence	MAWIKRKFGERPPPKRLTREAMRNYLKERGDQTVLILHAKVAQKSYGNEKRFFCPP PCVYLMGSGWKKKKEQMERDGCSEQESQPCAFIGIGNSDQEMQQLNLEGKNYCT AKTLYISDSDKRKHFMLSVKMFYGNSDDIGVFLSKRIKVISKPSKKKQSLKNADLCIAS GTKVALFNRLRSQTVSTRYLHVEGGNFHASSQQWGAFFIHLLDDDESEGEEFTVRD GYIHYGQTVKLVCSVTGMALPRLIIRKVDKQTALLDADDPVSQLHKCAFYLKDTERM YLCLSQERIIQFQATPCPKEPNKEMINDGASWTIISTDKAEYTFYEGMGPVLAPVTPV

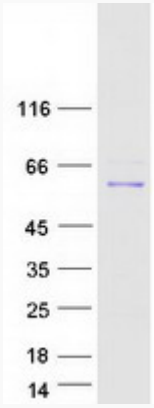
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	PVVESLQLNGGGDVAMLELTGQNFTPNLRVWFGDVEAETMYRCGESMLCVVPDIS AFREGWRWVRQPVQVPVTLVRNDGIIYSTSLTFTYTPEPGPRPHCSAAGAILRANSS QVPPNESNTNSEGSYTNASTNSTSVTSSTATVVSTRTRPLEQKLISEEDLAANDILDY KDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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	RBPJ recombination signal binding protein for immunoglobulin kappa J region [Homo sapiens (human)]
Official Symbol	RBPJ
Synonyms	RBPJ; recombination signal binding protein for immunoglobulin kappa J region; IGKJRB1, RBPSUH, recombining binding protein suppressor of hairless (Drosophila); recombining binding protein suppressor of hairless; CBF1; IGKJRB; KBF2; RBP J; RBPJK; SUH; suppressor of hairless homolog (Drosophila); CBF-1; RBP-JK; RBP-J kappa; H-2K binding factor-2; suppressor of hairless homolog; renal carcinoma antigen NY-REN-30; immunoglobulin kappa J region recombination signal binding protein 1; csl; RBP-J; RBPSUH; IGKJRB1; MGC61669;

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Gene ID	3516
mRNA Refseq	NM_203284
Protein Refseq	NP_976029
MIM	147183
UniProt ID	Q06330
SDS-PAGE	

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