

# 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  
AKTLYISDSDKRKHFMLSVMFYGNSDDIGVFLSKRIKVISKPSKKKQSLKNADLCIAS  
GTKVALFNRLRSQTVSTRYLHVEGGNFHASSQQWGAFFIHLDDDESEGEFTVRD  
GYIHYGQTVKLVCSVTGMALPRLIIRKVDKQTALLDADDPVSQLHKCAFYLKDTTERM  
YLCLSQERIIQFQATPCPKEPNKEMINDGASWTIISTDKAEYTFYEGMGPVLAPVTPV

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PVVESLQLNGGGDVAMLELTGQNFTPnlrvwfgdveaetmyrcgesmlcvvdpdis  
 AFREGWRWVRQPvqvptlvrndgiystsltftytpepgprphcSAAGAILRANSS  
 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

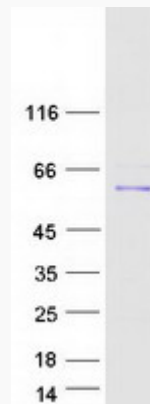
**mRNA Refseq** NM\_203284

**Protein Refseq** NP\_976029

**MIM** 147183

**UniProt ID** Q06330

**SDS-PAGE**



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