

Recombinant Human NOTCH2 protein, His-Avi-tagged

Cat. No. NOTCH2-722H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Notch 2 Protein is expressed from mammalian with His Tag and Avi Tag at the C-terminal. It contains Leu26-Gln530.
Species	Human
Source	HEK293
ProteinLength	Leu26-Gln530
Description	Human Notch-2 is a 300 kDa type I transmembrane glycoprotein that is one of four human Notch homologues involved in developmental processes. Although Notch proteins are structurally and functionally similar, deletion of either Notch-1 or Notch-2 is lethal, showing that not all functions overlap. Notch-2 functions as a receptor for membrane-bound ligands Jagged-1 (JAG1), Jagged-2 (JAG2) and Delta-1 (DLL1) to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Molecular Mass	The protein has a predicted MW of 57 Kda.
Endotoxin	Less than 1EU per ug by the LAL method.
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

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GENE INFORMATION

Gene Name	NOTCH2
Official Symbol	NOTCH2
Synonyms	AGS2; hN2; neurogenic locus notch homolog protein 2; Notch (Drosophila) homolog 2; notch 2Notch homolog 2 (Drosophila); Notch homolog 2; Notch2; Notch-2
Gene ID	4853
mRNA Refseq	NM_001200001.2
Protein Refseq	NP_001186930.1
MIM	600275
UniProt ID	Q04721

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