

Active Recombinant Human NOTCH2 protein, Fc-tagged

Cat. No. NOTCH2-721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human NOTCH2(Q04721-1)(Leu 26 - Gln 530), fused to Fc Tag, is expressed from human 293 cells (HEK293).
Species	Human
Source	HEK293
ProteinLength	Leu 26 - Gln 530
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human DLL4, His Tag at 5 µg/mL (100 µL/well) can bind Human NOTCH2, Fc Tag with a linear range of 5-78 ng/mL.
Molecular Mass	The protein has a calculated MW of 80.5 kDa. The protein migrates as 90 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20 centigrade or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage at:

-20 centigrade to -70 centigrade for 12 months in lyophilized state;

-70 centigrade for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name NOTCH2 notch 2 [Homo sapiens]

Official Symbol NOTCH2

Synonyms NOTCH2; notch 2; Notch (Drosophila) homolog 2 , Notch homolog 2 (Drosophila); neurogenic locus notch homolog protein 2; Notch homolog 2; hN2; AGS2; HJCYS;

Gene ID 4853

mRNA Refseq NM_001200001

Protein Refseq NP_001186930

MIM 600275

UniProt ID Q04721

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